

# C-64 C-128

• **EVERYTHING YOU NEED**

Printers, Cables, Disk Drives, Interfaces, Modems, Monitors, Joysticks, Diskettes, Books, and Much More!

• **SERVICE YOU CAN COUNT ON**

Order by Mail or Phone  
UPS Delivery

• **THE BEST SOFTWARE**

The hottest games, expanded "Utilities" and "Educational" sections.

• **GREAT PRICES**

Save \$ With Our Low Prices.

## THE EVERYTHING BOOK *For The* COMMODORE C-64 C-128 HOME COMPUTER



TENEX  
**Computer  
Express**





T M

the big company with personal service.

## Our \$100,000 Commitment to Customer Service

More than a year ago, we took a step unprecedented in the home computer mail order business. . .we installed a computer system of the type used by many sophisticated "mainstream" mail order companies to provide their customers with the superb service they expect.

This powerful hardware and software combination lets us process our large order volume quickly and efficiently. . .check order or account status in seconds. . .release backorders the same day the merchandise is received. . .monitor our inventory to avoid shortages . . .in short, provide you with the high level of customer service you deserve.

We made this commitment because **WE WANT HAPPY CUSTOMERS!**

### Real People Offer Friendly Help

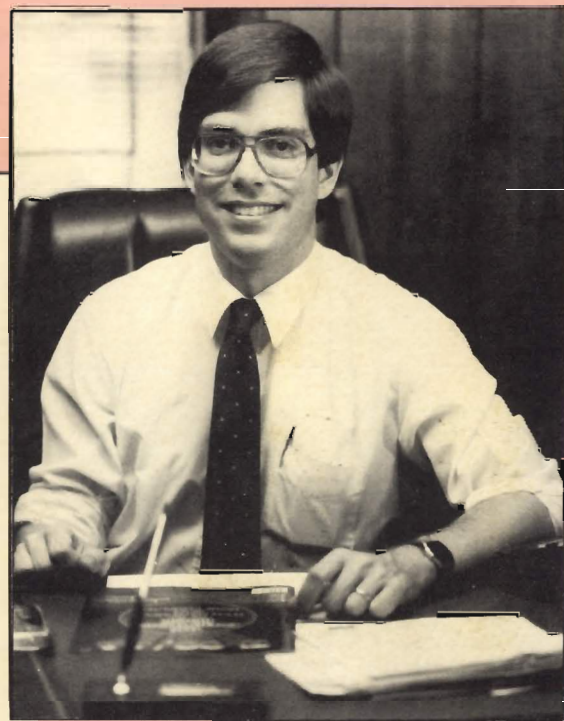
Our toll free order lines as well as our order inquiry and question lines are staffed by trained, friendly, helpful people. Most own a computer and use it at home. You can be sure that you'll get the help you need when ordering from TENEX Computer Express!

### No Hidden Extras Mean REAL SAVINGS

Many mail order companies advertise low prices but then raise the price you really pay by tacking on extra fees for using your charge card or exorbitant shipping and handling charges. A few even try to charge extra for items included in the manufacturer's original package!

At TENEX Computer Express, we believe honesty is the best policy. Every item we ship is complete and factory fresh. We have no hidden extras - just the low advertised price and the very modest shipping charge shown on the order form. You can be sure that when you take advantage of our low, discount prices your savings will stay in your pocket!

Roger B. Dooley, President



FAST DELIVERY  
TO YOUR  
HOME



USE YOUR CHARGE CARD AT  
NO EXTRA COST

TOLL-FREE  
ORDER LINES!  
1-800-348-2778



### BUSINESS HOURS

Our Customer Service Department is available to serve you from 8 a.m. to 7 p.m. Eastern Standard Time, Monday-Friday.

Toll free order line 1-800-348-2778;  
information 1-219-259-7051  
Order Status Hotline 1-219-259-7053

## Our Customers Speak

Many of our customers have let us know what they think of our products, service, catalog, and telephone technical assistance. Here are a few comments taken from our correspondence file.

"I wish to thank you for the prompt and courteous service. . ."

-Michigan

"I am very impressed by your speedy service."

-Minnesota

"I wrote off to a number of American companies and you were the only one who bothered to reply, and very well, too. . .with all those catalogs."

-England

"Many thanks for a quality magazine."

-Canada

"The young lady who took my order was pleasant, polite and friendly, as well as knowledgeable. Not too common a combination these days."

-Florida



# FANTASTIC NEW SAVINGS!

## LAST MINUTE ARRIVAL!

Boldly Go Where No Man Has Gone Before!

## STAR TREK

The Koblash! Alternative



**CAPTAIN'S LOG Star Date 1456.67**, Captain James T. Kirk reporting: "While on a routine mission in the vicinity of the Organian Republic, the Federation Hospital Ship **Robert A. Heinlein** vanished. . . one of a number of unexplained ship disappearances in this sector of space. Sealed orders, received this date from Star Fleet, charge the **Enterprise** to discover the location of this 'Bermuda Triangle' in space, and to take all appropriate action to neutralize it."

The adventure begins. . .

**Star Trek: The Koblash! Alternative** is a revolutionary form of interactive text adventure, utilizing the most sophisticated parser ever used in computer entertainment, and a new screen design that presents multiple channels of information simultaneously. More than a game, **Star Trek** invites players to take a "final exam" needed to graduate from Star Fleet Academy. You, as Captain Kirk, must succeed in a mission crucial to the safety of the United Federation of Planets — solving the mystery of the "Bermuda Triangle" of space. All of the resources of the **Enterprise** — phasers, transporter, communications, sensors — and its crew are yours to command.

- You plot the course of the **Enterprise** to more than 100 different planets and star systems.

- You select landing parties.

- You call on the aid of your crew: Mr. Spock's logical mind and scientific training; Lieutenant Uhura's communication skills; Mr. Scott's engineering expertise; Dr. McCoy's intuition and empathy.

- You contact strange alien civilizations — who may know more than they are telling about the ship disappearances — and decide whether to use diplomacy or force in communicating with them.

- You command the **Enterprise** in battle against Romulans, Klingons, and pirates.

Produced in cooperation with the original creators of **Star Trek**, and incorporating such revolutionary features as a "personality database" for each of the familiar **Star Trek** characters, **Star Trek: The Koblash! Alternative** is destined to be a classic. From Simon and Schuster.

Sug. Retail \$39.95

\$34.95



## Legend 808 Printer

100 CPSI Square wire printhead!

Suggested retail \$199.00

See Back Cover

**\$159.00**

## Graphic Printer Interface

- High performance
- Full graphics
- No confusing dip switches

See page 27

**\$44.95**

## MicroPal Diskettes

- Lifetime Guarantee
- Fully certified

See page 38

**79¢ each**  
(in box of 50)

## Cartridge Expander from Navarone

- Holds up to 3 cartridges
- Great **Fast Load** companion!

See page 38

**\$22.95**

## TABLE OF CONTENTS

	PAGE		PAGE
New Products	1	Graphic Aids	29
<b>SOFTWARE</b>		Real World Interfacing	30-31
Action/Arcade Games	2-3	Joysticks	32
Adventure/Fantasy Games	4-5	<b>ACCESSORIES</b>	33
Strategy/Simulation/Misc.	6	Software Storage	34
Music & Special Interest	7	Outlet Strips/Surge Suppressors	35
Education	8-13	Carrying Case	35
Home Management/Finance/		Furniture & Computer Care	35
Business	14-17	Books	36-37
Utilities & Programming		New Products	38
Languages	18-21	About Your Order	38
<b>HARDWARE</b>		Order Form	39
C-128 Computer System	22	Free Offer	40
Program & Data Storage	23	New Products	40
Diskettes & Cassettes	23	Monitors	IBC
Printer Showcase	24-26	Printer Buffer	IBC
Printer Interfaces & Access.	27	Legend Printers	BC
Telecommunications	28		

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



# Software

## action/arcade games

### WIZARD The Best New Arcade Game We've Seen!

Once in awhile a game appears that combines the best in graphics (40 different mazes, brilliant colors, realistic animation), sound (a rich assortment of bells, gongs, deep organ tones and sliding scales), speed (choose speed levels from 1 to 9), game-play (guide Wilfred the Wizard in his quest for magic and treasure. In each maze he must find the key, carry it to the keyhole before time runs out, and pick up various treasures on the way by climbing ropes and ladders and jumping over fires while avoiding or destroying bats, rats, monsters, arrows, fireballs and flying missiles. But Wilfred is not helpless. After all, he's a Wizard, and can cast magic spells for invisibility, teleportation, levitation, magic missiles and more. Six different skill levels offer challenge to even the most expert game player, and flexibility (a construction set allows you to build an unlimited number of your own levels).

We think Wizard from Progressive Peripherals and Software is a rare combination of all these elements. It's an outstanding computer game you won't want to miss!

31435 C64, Disk Sug. Retail \$39.95

\$29.95

**PERPLEXIAN CHALLENGER.** Can you handle the challenge of doing three things at once? Destroy invading ships, avoid their return fire, and capture space debris that remains from the explosions. Features split screen graphics and a 3D, animated view of space. From Progressive Peripherals and Software.

31473 C64, Cassette Sug. Retail \$29.95

\$24.95

31487 C64, Disk Sug. Retail \$24.95

### THE BEST PRICES ON BEST SELLERS!



**FLIGHT SIMULATOR II.** Put yourself in the pilot's seat of a Piper PA-28-181 Archer II for a flight from New York to Los Angeles. Enjoy the beautiful panoramic view as you practice takeoffs, landings, and aerobatics. When you think you're ready you can even play the World War I Ace aerial battle game. Flight Simulator II features include animated color 3D graphics; day, dusk and night flying modes; over 80 airports in four scenery areas — New York, Chicago, Los Angeles, Seattle; user-variable weather; complete information manual and flight handbook. From SubLogic. Sug. Retail \$49.95

31420 C64, Disk \$39.95

**GHOSTBUSTERS.** The box office smash is now a software hit. Lasers, the Ectomobile, full-torso apparitions, the hit title song and slime — they're all here! From Activision.

34057 C64, Disk Sug. Retail \$34.95

\$26.95

## MicroProse Software

**F-15 STRIKE EAGLE.** Strap into your ejection seat and prove how good you really are in one of the world's most sophisticated fighter planes. This simulator sends you on combat missions in the skies of Southeast Asia, Europe and the Middle East. All the features of the great fighter aircraft including afterburners, multiple radar, air to air missiles, high explosive bombs, cannon, drop tanks, ECM flares, electronic ground tracking map, HUD, 3-dimensional cockpit visibility, and realistic F-15 maneuverability. Avoid Surface to Air Missiles and enemy aircraft. Seven different combat missions, four skill levels, and an infinite number of combat scenarios. From MicroProse Software.

32475 C64, Cassette Sug. Retail \$34.95

32489 C64, Disk \$21.95

\$24.95

**KENNEDY APPROACH.** The action in the tower is demanding at the world's busiest airports. . . and you're in charge of flight operations! This simulation is so realistic, you not only monitor your control screen, but actual voice communications. From MicroProse Software.

34273 C64, Disk Sug. Retail \$34.95

\$26.95

**HELLCAT ACE.** Protect the aircraft carrier Midway from attack in the Pacific Theater in your Hellcat F64. Realistic simulation. From MicroProse Software.

34038 C64, Cassette Sug. Retail \$29.95

34042 C64, Disk \$22.95

\$22.95

**SOLO FLIGHT II.** Realistic flight simulator with 3D terrain graphics, 21 different airports, various weather conditions. From MicroProse Software.

32506 C64, Cassette Sug. Retail \$34.95

32494 C64, Disk \$26.95

\$26.95

## GAMESTAR

**ON-FIELD FOOTBALL.** Featuring wide open, 4-on-4 action with multiple formations so you can call your own plays, and fine-tune your starting offense. Use the same plays and strategy you'd use to play real football! The "Player Perspective Graphics" takes you right down on the field, you don't have to play from the pressbox as in other football simulations. Don't think challenging the computer will be easy — it will vary its play with yours. Whether you're a rookie or a pro you'll have to stay on your toes to win!

34080 C64, Cassette Sug. Retail \$34.95

34095 C64, Disk \$24.95

\$24.95

**ON COURT TENNIS.** You'll be thrilled with the realistic sports play and strategy possible with Gamestar's exclusive "Player Perspective Graphics." You'll actually feel like you're on the field! Take center court and choose from four players patterned after real tennis superstars. . . you adopt their playing strengths, weaknesses and temperament. Decide on your playing surface — clay, grass or asphalt. Play against a world class computer player. . . or your friend from next door! You have racquet control over ground strokes, drop shots, serves and smashes (in-bounds and out-of-bounds.) Play to win!

34108 C64, Cassette Sug. Retail \$34.95

34113 C64, Disk \$22.95

\$22.95



## EPYX SPORTS SPECTACULAR

From the people who created the runaway best seller "Summer Games" come more super sports skill testers. All feature realistic graphics and require both strategy and timing.

**WINTER GAMES.** from the spine-tingling bobsled run to the challenging biathlon, WINTER GAMES will test your skill.

37496 C-64/128, Disk Sug. Retail \$39.95

\$28.95

**SUMMER GAMES II.** Eight new games, including rowing, triple jump, equestrian, more. Sug. Retail \$39.95

34019 C-64/128, Disk \$28.95

**SUMMER GAMES.** This all time favorite includes swimming, diving, gymnastics, more. Sug. Retail \$39.95

31187 C-64/128, Disk \$28.95

**THE WORLD'S GREATEST BASEBALL GAME.** Control the best teams of all time! Sug. Retail \$34.95

37508 C-64/128, Disk \$26.95

**THE WORLD'S GREATEST FOOTBALL GAME.** Three views of the field. Use the "playbook," or design your own plays. Strategy, action, and graphics!

37513 C-64/128, Disk Sug. Retail \$39.95

\$28.95





## THE BEST PRICES ON BEST SELLERS!

### LUCASFILM GAMES

from **EPYX**

**BALLBLAZER.** Split screen, 3-D graphics. For two players. Sug. Retail \$39.95

38075 C-64/128, Disk **\$29.95**

**RESCUE ON FRACTALUS.** Ultimate in high speed action! Sug. Retail \$39.95

38089 C-64/128, Disk **\$29.95**

**EIDOLON.** Travel in your time machine back to the 1890's and discover the secret of the caves as you look for monsters, jewels and hidden dangers!

Sug. Retail \$39.95

37621 C64, Disk **\$29.95**

**KORONIS RIFT.** Explore a remote planet covered by deadly radiation. Lots of action! Great graphics!

Sug. Retail \$39.95

37636 C64, Disk **\$29.95**

**MUSE**  
SOFTWARE



**BEYOND CASTLE WOLFENSTEIN.** Did you escape Castle Wolfenstein? Here is your new mission: move the hidden bomb in the Fuehrer's bunker to a secret conference room, set the timer, and escape! Talking stormtroopers, five skill levels, different bunkers. From Muse Software.

Sug. Retail \$34.95

32648 C64, Disk **\$27.95**

**CASTLE WOLFENSTEIN.** The award-winning, best-selling program from Muse Software!

Sug. Retail \$29.95

14130 C64, Disk **\$19.95**

**ACCESS**  
Software Incorporated

"excellent arcade-style strategy game... well-designed and programmed throughout... like playing five different games in one."

—Computer's Gazette

**RAID OVER MOSCOW.** Destroy inbound nuclear missiles, then go for the launch site. Impressive 3-D effects, smoothly scrolling screens, great attention to detail, and five game scenarios. From Access Software.

Sug. Retail \$34.95

32615 C-64/128, Disk **\$25.95**

**BEACHHEAD II.** Exciting sequel to the bestseller features voice simulation and superb multiscreen graphics. Two players. From Access Software.

Sug. Retail \$39.95

34061 C-64/128, Disk **\$25.95**

**BEACHHEAD.** The best selling game of sea and land battle with multiple screens of high-res and 3-D graphics. From Access Software.

Sug. Retail \$34.95

13826 C-64, Cassette **\$24.95**

13831 C-64, Disk **SALE \$19.95**

**NEUTRAL ZONE.** Save earth from a squadron of homicidal and ultimately suicidal aliens. Scrolling, 360-degree panorama gives unbelievable realism.

Sug. Retail \$34.95

13807 C-64, Cassette **\$24.95**

13812 C-64, Disk **\$24.95**

**ACTIVISION**  
HOME COMPUTER SOFTWARE

## You've Stumbled Into An Unknown Computer System. Now what?

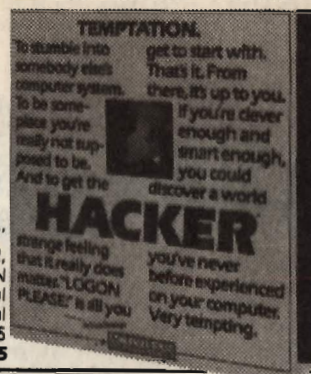
No Rules. No clues. No instructions... Welcome to Hacker.

**HACKER.** "...the most mysterious game ever!" — Rowson Stovall/"The Vid Kid!" "Plunge into every hacker's dream." — Rick Manning/Louisville Times. HACKER, designed by the legendary designer, Steve Cartwright. The screen says "LOGON PLEASE!" You take it from there. HACKER isn't an arcade game, or a conventional strategy game... it's so original it doesn't fit the typical categories. The most unusual game you'll ever play. From Activision.

37532 C64/128, Disk

Sug. Retail \$29.95

**\$26.95**



**ELECTRONIC ARTS**



Winners of more than 40 game awards since 1983, Electronic Arts call their programmers "software artists" and are dedicated to creating outstanding programs that are easy to operate, yet offer fascinating hours of enjoyment.

**SKYFOX.** It's a breathtaking flight simulation, but the craft you're flying is more than a plane or helicopter. You can fly up to 75-mph, hover, or climb to altitudes of 1,000 feet. You have an on-board computer, 5 kinds of weapons and working gauges.

It's also a strategy game. You, alone, must save your colony from invaders... and they have tanks, flying fighters, missiles and powerful Mother Ships. You must decide how to protect people, farms, factories, fuel tanks, and energy stations covering 500 square miles. Choose from five levels of expertise and 15 invasion scenarios, each requiring a different strategy. From Electronic Arts.

33969 C64, Disk

Sug. Retail \$32.95

**\$26.95**

### "Game of The Year" —Softline

**ARCHON.** The strategy is like chess with Phoenixes, Golems and Wizards for pieces. But when one piece lands on another, the chess board explodes into an arcade-style medieval battlefield. Cast spells, pummel, pierce and throw flames at Banshees, Goblins, Sorceresses and other creatures. But be careful, the tide of time alters the power of your pieces. 64 different battle combinations, a huge cast of characters and magic spells. For 1 or 2 players. From Electronic Arts.

28853 C64, Disk

Sug. Retail \$22.95

**\$19.95**

### "Best Strategy Arcade Game" —Family Computing

**ARCHON II: ADEPT.** More magic and strategy than the original Archon. Introducing all-new, more powerful pieces including: Adepts, with steerable missiles; Gorgons with paralyzing eye beams; and Wraiths, invisible except when attacking. For 1 or 2 players. From Electronic Arts.

33955 C64, Disk

Sug. Retail \$32.95

**\$26.95**

"I've seen a lot of sports video games, but never one as realistic as this... Dr. J and the Bird play exactly the way I picture them in real games. The animation is fantastic... it's a great fantasy."

—Los Angeles Laker Michael Cooper

**DR. J AND LARRY BIRD GO ONE-ON-ONE.** Dr. J and Larry Bird actually worked with the Electronic Arts design team to create One-On-One — no wonder it's great! Look what the offense can do: 3 point shots, dribbling, slam dunks, turnaround jumpers, tip-ins, drives and layups. Defense offers: steals, blocks, fouls, blocking out and rebounds. Other special effects: fatigue factor, shattering backboard, instant replays, foul shots, hot and cold streaks. Try your skills against the computer, or a friend. Four levels of play. From Electronic Arts.

33974 C64, Disk

Sug. Retail \$32.95

**\$26.95**

### "Top 10 Best Computer Products" —Omni Magazine

**PINBALL CONSTRUCTION SET.** Create the ultimate, personalized pinball constructor. Wire sound and point scoring any way you like. Choose from over 24 different working parts like bumpers, chutes and flippers. Adjust the elasticity and kick of bumpers, flippers and balls. Change the laws of physics if you want to... customize time and gravity! Use the built-in magnifying glass and paintbrush to enlarge and color any dot on the screen. If you don't feel like constructing, play one of the five built-in games. Either way, you'll spend fascinating hours with Pinball Construction Set. From Electronic Arts.

28797 C64, Disk

Sug. Retail \$22.95

**\$19.95**

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



# adventure/fantasy games



**penguin software**™

the graphics people

**GRAPHIC ADVENTURES**

**THE QUEST.** The kingdom has been terrorized for too long by a fearsome and vengeful dragon. As King Galt's newest advisor, you must accompany his champion, Gorn, on a Quest... to rid the kingdom of this nasty nuisance. You may arrive at the game's solution by many different paths. Type in your instructions in full or multiple sentences.

This hi-res graphic adventure was created using Penguin Software's "Graphics Magician"... a tool used by many professionals to put graphics into their programs. The Quest is for intermediate level adventurers.

34235 C64, Disk

Sug. Retail \$34.95  
\$26.95

**TRANSYLVANIA.** Search all of Transylvania to find and rescue Princess Sabrina. Fight vampires, werewolves and other creatures as you search the forest and castle.

34249 C64, Disk

Sug. Retail \$34.95

**CRIMSON CROWN.** Sequel to Transylvania.

36652 C64, Disk

Sug. Retail \$34.95

**EXPEDITION AMAZON.** Fantasy role-playing adventure. You must lead an expedition deep into the Amazon rain forest to find the ruins of a fabled Inca citadel.

34254 C64, Disk

Sug. Retail \$34.95



**EPYX**™  
COMPUTER SOFTWARE

Classic graphic adventure games from Epyx.

AWARD WINNER!

NEW

**TEMPLE OF APSHAI TRILOGY**  
**BIGGER. MEANER. RICHER THAN EVER.**

The classic "Temple of Apshai," a best seller for over four years, has been updated and expanded. The Temple of Apshai, the Upper reaches of Apshai, and the Curse of Ra have been combined, on a single disk, into an incredible 12-level role-playing game. There are more rooms, more choices, faster game play, plus new sounds and graphics. Are you ready for the most involving role playing game ever designed? Temple of Apshai is waiting... for you.

37570 C64/128, Disk Sug. Retail \$39.95 \$28.95

**DRAGONRIDERS OF PERN.** Based on the best-selling science fiction book series... you must mount your dragon and battle the dreaded thread!

24591 C64, Disk Sug. Retail \$39.95 \$28.95

**SWORD OF FARGOAL.** Level by level, your search for the wondrous sword becomes more difficult and treacherous.

24534 C64, Cassette Sug. Retail \$22.95 \$22.95  
24548 C64, Disk Sug. Retail \$22.95 \$22.95

**TELARIUM**™

\*BUY 3 GET 1 FREE OFFER!

—see details page 40—

Adventure software that presents you with real plots and characters, and all the puzzles you would encounter if you were really on the scene.

**FAHRENHEIT 451.** Sequel to the famous science fiction novel... help Montag restore the world to the freedom it once had.

34343 C64, Disk Sug. Retail \$32.95 \$28.95

**RENDEZVOUS WITH RAMA.** A mammoth spaceship is approaching Earth. You must meet it, explore it, find its creators, and return home — if you can!

34358 C64, Disk Sug. Retail \$32.95 \$28.95

**DRAGONWORLD.** Your most valued companion, the Last Dragon, has been kidnapped and you are the only one who can save him.

34362 C64, Disk Sug. Retail \$32.95 \$28.95

**AMAZON.** Take a solo expedition to one of the unexplored regions of Earth — the Amazon — on a dangerous, top secret mission. Three challenging levels, all different.

34377 C64, Disk Sug. Retail \$32.95 \$28.95

**SHADOWKEEP.** Redeem the land from the evil Dal'bad who inhabits the Shadowkeep with his wicked servants and monsters.

34381 C64, Disk Sug. Retail \$32.95 \$28.95



NEW



**ELECTRONIC ARTS**™

"Create Your Own Adventure Contest"

Runs until December 31, 1985.

Win \$1,000!!

Details in each Adventure Construction Set Package.

**THE ULTIMATE ADVENTURE GAME**

**ADVENTURE CONSTRUCTION SET.** The combinations are almost endless... you can create your own adventure game of up to 240 rooms with 500 different creatures and 7500 props! Use 13 kinds of magic spells and effects, 30 musical themes and sound effects. The pixel editor enables you to draw your own graphics. There is even a "finish" option that will complete a design automatically.

If you're not in the mood to work on your own adventure game, you can play one of the 8 built-in adventures. "Rivers of Light" is a full-length epic set in ancient Egypt. Or try one of 7 mini-adventures including "Deep Dark Dungeon," "Save the Galaxy," and "In the Nazi Castle." From Electronic Arts.

34199 C64, Disk

Sug. Retail \$39.95 \$29.95

**SEVEN CITIES OF GOLD.** Assume the role of a 16th century Spanish conquistador in this historical simulation of adventure and exploration from Electronic Arts. 11 million square miles of undiscovered New World territory covering North and South America are accurately shown on over 2,800 different screens. Explore the Great Lakes, Grand Canyon, the Inca Empire and much more.

You are in charge of the exploration... Outfit a ship, hire a crew and navigate the oceans; or send out exploration parties on land, establish missions, even discover gold! Befriend, negotiate, trade, or battle with local populations (over 200 settlements to explore, with five different types of natives). Enjoy the variety as you conquer new territories.

34201 C64, Disk

Sug. Retail \$32.95 \$26.95



**microcomputer games**®

Division of The Avalon Hill Game Company

1,000 Play Variations

**MAXWELL MANOR.** A macabre mystery... The owner of Maxwell Manor was found dead in his study — but his head was missing from his body! And now the manor seems to be haunted by strange creatures... even a vampire spider! The wonderfully gruesome plot unfolds as you, the intrepid adventurer, set out to solve the mystery. Enter the mansion, gather the treasures and locate the missing head. Then discover the key clue that will lay to rest the horror of Maxwell Manor. Play mechanics involve moving a character around a scrolling graphic screen with a joystick. The solutions to the various puzzles in the game are complex, but completely logical. A great challenge!

34170 C64, Disk

Sug. Retail \$25.00 \$19.95



**New Mystery Adventure**

**RIPPER.** Take a trip back in time. It is the early 1900's and you have been assigned to the case of Jack The Ripper. Some of the greatest minds of the Victorian era have gathered at a manor in Hyde Park to assist you in solving the case... but you suspect Bloody Jack of sneaking in with the group. Capture Jack in this suspense filled role-playing adventure game — before he finds you! For 1 player.

32667 C64, Disk

Sug. Retail \$25.00 \$19.95

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



# THE BEST PRICES ON BEST SELLERS!

## INFOCOM™

**ZORK I.** Discover the Twenty Treasures of Zork and escape with your life! Sug. Retail \$34.95

**27000 C64, Disk** \$24.95

**ZORK II.** Descend to the realm of the Wizard of Frobozz. Sug. Retail \$39.95

**27015 C64, Disk** \$27.95

**ZORK III.** The ultimate test of your logical problem-solving. Face the Dungeon Master himself. Sug. Retail \$39.95

**27029 C64, Disk** \$27.95

**SUSPENDED.** Prevent the destruction of a computer-controlled planet. Sug. Retail \$44.95

**27034 C64, Disk** \$31.95

**STARCROSS.** You're a lone space prospector searching for black holes with the help of a smart-aleck computer and a mass detector. Sug. Retail \$44.95

**27048 C64, Disk** \$31.95

**DEADLINE.** Mystery and murder... a millionaire philanthropist is dead and you have only 12 hours to solve the case. Sug. Retail \$44.95

**27053 C64, Disk** \$31.95

**WITNESS.** A "whodunit" thriller of the 30's. Sug. Retail \$34.95

**22652 C64, Disk** \$24.95

**PLANETFALL.** Humorous science fiction adventure. Sug. Retail \$34.95

**22666 C64, Disk** \$24.95

**INFIDEL.** Find the secret pyramid entrance in the Egyptian desert. Sug. Retail \$39.95

**22685 C64, Disk** \$27.95

**SORCERER.** Continuation of the "Enchanter" adventure. Sug. Retail \$39.95

**28903 C64, Disk** \$27.95

**SEASTALKER.** Underwater adventure as you save the Aquadome. Sug. Retail \$34.95

**31684 C64, Disk** \$24.95

*Conclusion of the magical Enchanter series...*

**SPELLBREAKER.** Only you, leader of the Circle of Enchanters, can save a world founded on sorcery from destruction. A perilous journey through the black foundation of magic itself will yield a chance for survival. Now you can prove yourself the worthiest mage in the land! Containing the most complicated puzzles in the Enchanter series, Spellbreaker is an expert-level game. Sug. Retail \$44.95

**36806 C64, Disk** \$31.95

**microcomputer games™**  
Division of The Avalon Hill Game Company

**TELENGARD.** Dungeon Adventure game. Sug. Retail \$28.00

**24676 C64, Disk** \$21.95

**FORTRESS OF THE WITCH KING.** Your quest is to find the arch ruler, the evil Witch King, and slay him. Sug. Retail \$25.00

**34184 C64, Disk** \$19.95

### IMPORTANT!

This may be your last free catalog! If you are not planning to order from us soon, be sure you're on our mailing list for future catalogs and sale fliers. Check your address label. If you see any of the following three digit codes above your name: C2A, C2B, C2C, C2D, C2E, relax, you are on our permanent mailing list. If you see a different three digit code, please cut out your complete address label, check it for accuracy, and mail it to us. We will make sure you are put on our permanent mailing list.

Mail to:  
**TENEX P.O. Box 6578, South Bend, IN. 46660**  
**WRONG CATALOG?** Tenex publishes catalogs for owners of T199/4A, Commodore and other microcomputers. If you are receiving the wrong catalog, please contact our Customer Service Department so your name can be changed to the correct list!

## INFOCOM™

The next dimension.



What?! You've Never Played An Infocom Adventure?  
**WISHBRINGER™ Is The Game For You!!**



You're about to become the hero of a tale jam-packed with magic... with fun... with fantastic beings... with mind-bending puzzles. You're about to enter the enchanting world of WISHBRINGER!

This enthralling fantasy can be played on two levels. Each of the puzzles in WISHBRINGER can be solved with or without magic and becomes more difficult as the game progresses. Using magic, WISHBRINGER is an introductory Level adventure; without magic, it's Standard Level. On either level, the story is written for people who have never experienced interactive fiction.

Join the ranks of Infocom adventurers! It just might be the most fun you've ever had with your computer!  
**34427 C64, Disk** Sug. Retail \$39.95 \$27.95



**SUSPECT.** The evening starts out as innocently as a masquerade ball on Halloween night at an elegant 200 year old mansion can. You're a newspaper reporter and a friend of the hostess. The other guests at the party are from the ranks of politicians, entertainers, royalty, power brokers and the idle rich.

But the night turns evil... someone is murdered... and all fingers point to you. You have only a few hours before you're arrested to prove your innocence. You'll be aided by the best-selling book, **Murder and Modern Manners**; a clue laden business card; costume receipt;

party invitation; note from your editor; and an article from the exclusive magazine **The Maryland Countryside**. Work quickly... YOU are the suspect! Advanced difficulty level.

**33424 C64, Disk**



**Suspect™**

**The Maryland Countryside.**

Sug. Retail \$39.95 \$27.95

## The Hitchhiker's Guide to the Galaxy™

YES, THE UNIVERSE  
CAN BE YOURS FOR  
LESS THAN 30  
ALTAIRIAN DOLLARS  
PER DAY!  
DON'T PANIC!



**HITCHHIKER'S GUIDE TO THE GALAXY.** As you wander through the Galaxy you'll never be at a loss as long as you carry a towel and your trusty volume of Hitchhiker's Guide To The Galaxy with the words "Don't Panic" written in large, friendly letters on the cover. You'll also be prepared with your "peril sensitive" sunglasses... at the approach of danger they turn black (so you won't have to watch!)

The same outrageous universe created by Douglas Adams in his best-selling science fiction novel, The Hitchhiker's Guide To The Galaxy, is now the setting for an Infocom adventure.

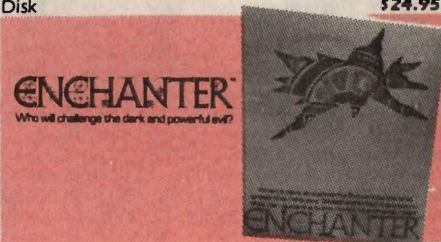
You're going to take a trip you never thought possible... travel to the most unusual corners of the Galaxy (some of the corners are so unusual, in fact, that it's best not to assume the obvious — who you are, for instance). Solve puzzles revolving around Vagon poetry, the Bugblatter Beast of Traal, microscopic space fleets and, of course, tea (or lack thereof). Prepare to have your mind boggled, your wits tested and your concept of reality thrown for a loop by The Hitchhiker's Guide To The Galaxy... And don't forget your towel! Sug. Retail \$34.95

**32756 C64, Disk** \$24.95

**ENCHANTER.** First in a new series of fantasy games. Journey into a world of magical powers and perilous predicaments. You'll need high levels of skill and logic to overcome the evil warlock "Krill" whose power has shattered peace in this fantasy kingdom. The focus is clearly on magic. Medieval guild directory and special sealed parchment from the Circle of Enchanters are included. With these aids you'll learn the basic spells needed to enter this fascinating new world.

Sug. Retail \$34.95

**22671 C64, Disk** \$24.95



## When you need a hint... INVISICLUES from Infocom

The clues in these hint books are written in invisible ink! They are only revealed by using the special pen included with each Invisiclues book.

<b>31332 Zork I.</b>	<b>\$7.95</b>
<b>31346 Zork II.</b>	<b>\$7.95</b>
<b>31351 Zork III.</b>	<b>\$7.95</b>
<b>31327 Suspended.</b>	<b>\$7.95</b>
<b>31313 Starcross.</b>	<b>\$7.95</b>
<b>31261 Deadline.</b>	<b>\$7.95</b>
<b>31276 Witness.</b>	<b>\$7.95</b>
<b>31257 Planetfall.</b>	<b>\$7.95</b>

Get the help you need to proceed with your adventure — whether it's a lot or just a little. No need to read ALL the clues... just those you choose to read!

<b>37871 Spellbreaker</b>	<b>\$7.95</b>
<b>31280 Infidel.</b>	<b>\$7.95</b>
<b>31308 Sorcerer.</b>	<b>\$7.95</b>
<b>34165 Seastalker.</b>	<b>\$7.95</b>
<b>34432 Wishbringer.</b>	<b>\$7.95</b>
<b>33439 Suspect.</b>	<b>\$7.95</b>
<b>32831 Hitchhiker's Guide To The Galaxy.</b>	<b>\$7.95</b>
<b>31295 Enchanter.</b>	<b>\$7.95</b>



**WIZARD'S DOMINION.** Only the bravest dare to enter the cavernous world of the Wizard's Dominion, a great fantasy adventure from American Software. 10 increasingly difficult levels offer 1,000 caves to explore as you look for bags of gold. But, beware! Each cave may also contain a Vorikta Ogre who's trying to prevent you from getting the magical powers. Enjoy your quest to become Master Wizard!

**23526 C64, Cassette**

**23531 C64, Disk**

Sug. Retail \$19.95 \$16.95

Sug. Retail \$21.95 \$19.95

**TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.**  
**ORDER STATUS HOTLINE 1-219-259-7053.**



# strategy/simulation/misc.



## The World Famous Board Game Manufacturer Presents: microcomputer games

**B-1 NUCLEAR BOMBER.** As the pilot of a B-1 bomber, you are on a mission over Russia. Fly through stiff Soviet defenses to the target city, bomb it, and return home. Your computer controls the Soviet MIG fighters and surface-to-air missiles. Can you complete the mission? From Avalon Hill. For 1 player.

24638 C64, Cassette

24642 C64, Disk

Sug. Retail \$16.00 \$14.95

Sug. Retail \$21.00 \$17.95



**PANZERS EAST!** Command the Axis forces in this challenging strategic level simulation of the 1941 German invasion of Soviet Russia. Time is against you... you have only 24 weeks to accomplish your mission. Take command! From Avalon Hill.

35203 C64, Cassette

35218 C64, Disk

Sug. Retail \$16.00 \$14.95

Sug. Retail \$21.00 \$17.95

**SUPER BOWL SUNDAY.** Who was the greatest Super Bowl team of all time? Now you can provide the answer with this incredible new simulation! The 20 greatest Super Bowl teams of all time are here, computer analyzed to perform just as they did in real life. You can match up any team against any other, regardless of year. Three modes of play: you against a friend, you against the computer, and special "autoplay" mode in which the computer plays against itself. More than a dozen offensive and defensive plays to choose from! You choose which player does what. Full screen reenactment of all you play!

37584 C64/128, Disk

Sug. Retail \$30.00 \$24.95



## Softie™

### OUTSTANDING CROSSWORD PUZZLES TO SOLVE ON YOUR COMPUTER

Both the famed weekday puzzles from the New York Times, and crosswords from the popular Dell Champion Puzzle Magazine series have been adapted for four personal computers. Puzzles range in difficulty from one star \* to three stars \*\*\*.

Each computer crossword can be solved just as it appeared in its original publication, or you can use the "Special Clues" feature for extra help. Special features allow you to save a partially completed puzzle to finish later, or even erase any or all answers so someone else can have a turn.

Whether you're a beginner or an expert, you'll enjoy the challenge of computer crossword puzzles. From Softie. All versions available on Disk.

- |  |                     |
|--|---------------------|
| 35134 New York Times Crossword Puzzles for TRS-80 Models I, III, 4 and C-64          | Sug. Retail \$19.95 |
| 35148 New York Times Crossword Puzzles for IBM-PC, PC Juniors and Apple II, IIc, III | \$17.95             |
| 35153 Dell Computer Crosswords for TRS-80 Models I, III, 4 and C-64                  | \$17.95             |
| 35167 Dell Computer Crosswords for IBM-PC, PC Jr. and Apple II, IIc, III             | \$17.95             |



## PQ The Party Quiz Game™

**Not Just Trivia.** ... Trivia is not only fun... it's educational! PQ from Suncom offers challenging questions from a wide variety of categories. The questions are displayed on the screen so they can be seen by all players. Test your split second reaction thinking as you match wits with your friends and family. Package includes four Quick Response™ controllers to let up to four individual players or four teams compete from up to 10 feet away from the computer. No need to type answers in on the keyboard... just push the number button on the controller that matches the answer you wish to choose. You can even customize the game by selecting response time, competition level and handicaps to make PQ a truly social game for all ages.

35172 Party Quiz — C64, Disk/Controllers

Sug. Retail \$45.95 \$34.95

Keep the challenge going with the following special edition diskette software. Each edition requires PQ package listed above and disk drive.

- |  |                     |
|--|---------------------|
| 35241 General Edition II — Art, history, sports, entertainment, literature     | Sug. Retail \$19.95 |
| 35289 General Education III — World records, science, geography, music, sports | \$15.95             |
| 35260 Education I — History, grammar, science, geography, literature           | \$15.95             |
| 35275 Bible I — People, places, events of Old and New Testament                | \$15.95             |
| 35256 Entertainment I — Movies, TV, Broadway, music, performers                | \$15.95             |
| 35237 Sports I — Football, baseball, tennis, basketball, Olympic games         | \$15.95             |

## THE BEST PRICES ON BEST SELLERS!

## MicroProse Software

**NATO COMMANDER.** As a four star NATO general you must defend Europe in this real-time war simulation with full continent scrolling battle map.

Sug. Retail \$34.95

35097 C64, Cassette

\$24.95

35100 C64, Disk

\$24.95

### COMMAND SERIES

NEW

**CRUSADE IN EUROPE.** Step into the thrill and excitement of one of history's greatest campaigns... from D-Day to the Battle of the Bulge. Real-time action simulation.

Sug. Retail \$39.95

35115 C64, Disk

\$29.95

**DECISION IN THE DESERT.** Historically accurate, fast moving simulation of the Battle of El Alamein in North Africa, 1944.

Sug. Retail \$39.95

35129 C64, Disk

\$29.95

## Sports Illustrated® from Avalon Hill

NEW FOR C-64

**COMPUTER STATIS PRO BASEBALL.** Recreate an entire baseball season, with real life player statistics. Sug. Retail \$16.00

35078 C64, Disk \$14.95

**COMPUTER FOOTBALL STRATEGY.** Professional football for the "armchair quarterback."

35191 C64, Cassette Sug. Retail \$16.00 \$14.95

24661 C64, Disk Sug. Retail \$21.00 \$17.95

1984 Consumer Electronics Showcase Award for Outstanding Design!

**TOURNAMENT GOLF.** Enjoy the challenge and strategy of a real day on the links right in your living room!

Sug. Retail \$21.00

35082 C64, Disk

\$17.95

**M.U.L.E.** This fast-moving competitive game for 1-4 players also cleverly teaches economics as you select land, produce food or ore on it, then buy and sell in a live-action auction. From Electronic Arts.

Sug. Retail \$23.95

28815 C64, Disk \$19.95



### COMMODORE 128 SOFTWARE

All the software for the Commodore 64 listed in this catalog will run on the C-128 in its C-64 mode. Even if the program description doesn't mention the C-128, it will run. Many firms are developing new software that will take advantage of the C-128's advanced features and bigger memory. These are designated as "C-128" software, and will run only on the C-128. At presstime, only a few were available (see page 17) — contact our Customer Service department for the latest list of C-128 software and CP/M software for the C-128.

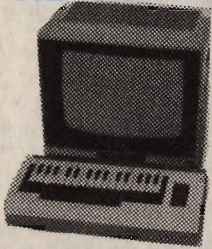
TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



# music and special interest

**SIGHT & SOUND**  
Music Software, Inc.

## THE INCREDIBLE MUSICAL KEYBOARD™



Turn your C-64 into a music synthesizer instantly with The Incredible Musical Keyboard from Sight & Sound! The fully assembled unit is placed directly on top of the Commodore 64 keyboard. . . suddenly your C-64 sounds and plays like a keyboard synthesizer! The package includes two music books; one for the beginner, and one for the more advanced musician. If you want to play music instantly and easily, The Incredible Musical Keyboard is for you! Requires disk drive.

Sug. Retail \$49.95

34501 The Incredible Musical Keyboard \$39.95

**We unleash the music in you.**

## The Einstein MemoryTrainer™

**THE EINSTEIN MEMORYTRAINER.** Do you have trouble remembering appointments? Your wife's birthday? Where you put your car keys? Your phone number at work? Now you can become a genius of memory the fun and easy way. The Einstein Corporation has created a powerful new tool to expand the powers of your memory — The Einstein MemoryTrainer. Learn memory-building techniques quickly and effectively. A fully-structured tutorial with color graphics and game-like practice sessions gives you tools to help you remember an increasingly-challenging sequence of names, faces, phone numbers, dates and lists. And it trains you to use these tools in everyday situations. You proceed at your own pace and level of capability. You can even store and practice over and over again your own personal mnemonic techniques as you develop them. Because of the variety and richness designed into the MemoryTrainer, you are challenged, encouraged and rewarded as you learn. Sug. Retail \$59.95

14144 C64, Disk \$49.95



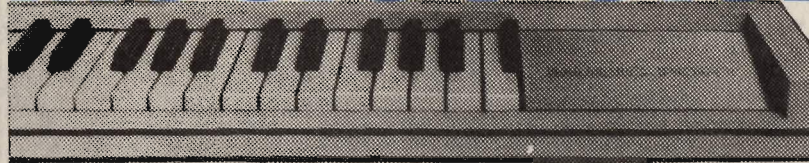
*Einstein.*

"...one of the most professional, complete music packages on the market."

**TECH SKETCH**

RUN, June 1985

## MUSIC PORT™



Developed by professional recording artists, the Music Port is a 32-key, full-size, piano-type keyboard that comes with an exceptional software package! The keyboard plugs into the user port (instead of the joystick port) so the C64 can read multiple and sustained notes, putting an end to single-note, choppy music. Music Port lets you compose and arrange your own songs, and make multi-track recordings up to 10 minutes long. Dub, play to your own accompaniment, change the tempo of recorded music, create fantastic sound effects, and more. . . as if you were working with expensive equipment! Software provides dozens of preset instrument sounds plus the most versatile synthesizer menu ever created for the Commodore computer.

Sug. Retail \$119.95

34516 Music Port, C64

**Music Port C64 with Light Pen.** Same as the Music Port above, but it has an added feature: the Light Pen. Comes with software that can be dumped to the printer.

Sug. Retail \$149.95

36440 Music Port with Light Pen

\$129.95

**CBS  
SOFTWARE**

**Felony!** The latest in the mystery Master Series has finally arrived: **Felony!** Allows up to four players or teams to try to solve a dozen felony cases ranging from kidnapping to murder as police officers in the town of Huxley. Each player interrogates suspects and searches locations, while a special Case Clock tracks the time spent during each officer's investigation. The clues received can vary according to the time an officer arrives at a certain location, or the order in which suspects are spoken to. To aid in the investigation, this package also includes a Clues Notebook with 700 clues, a Solutions Notebook, a Police Manual, and Mystery/Master Worksheets. The case deadlines definitely increase the challenge, but every good police officer soon learns whom to interrogate and how to take accurate notes so that valuable time is never wasted.

Sug. Retail \$34.95

35331 C64, Disk

\$29.95



## For A Bloody Good Time! MURDER BY THE DOZEN

Are you a World Class Detective? Or merely an Innocent Bystander? Put your powers of logic and deduction to the test by attempting to solve twelve intriguing mysteries. Starting with a map of the city of Micropolis, sleuths are given a case profile of each carefully constructed murder and then begin to travel a twisted trail of shady characters, false leads, clever deceptions and red herrings in search of the clues and evidence. But even if the true murderer is found, will enough evidence have been collected to convict him? Only the computer knows! Includes Clue Book, Solution Book, and worksheets. From 1 to 4 players (or teams). From CBS Software.

Sug. Retail \$34.95

35364 C64, Disk

\$29.95

**Learning Bridge Made Easy.** This is a complete Goren bridge learning system. . . just like having your own private tutor with endless patience and guidance! Bidding section covers hand evaluation, opening bids, responses and rebids. Playing the Hand provides practice in both declarer play and defense. Advanced concepts are introduced slowly. Comes complete with a 144-page Player's Manual. Whether you don't know a trump from a trick or simply want to take advantage of the expert advice, Learning Bridge Made Easy will improve your game! From CBS Software. Sug. Retail \$79.95

\$59.95

**The Railroad Works.** Running this railroad requires only two things: creativity and imagination. The computerized model railroad set lets young engineers plan and build railroad empires across twelve screens with the use of picture-driven menus. The Railroad Works offers two periods to choose from: The Golden Age, and The Modern Age. Layouts can be simple or complex with plenty of tracks, scenery and buildings, plus mountains and bridges. Authentic sound adds to the realism. And, with the touch of a key, a bird's eye view of the railroad system will appear. Layouts can be saved to use again or to modify. Success depends not only on an efficient track system, but on resourcefulness in loading and unloading the right kinds of freight while staying on schedule. Includes Railmaster Guide with complete instructions and note on model railroading to make working on the railroad hardly seem like work at all!

Sug. Retail \$34.95

35345 C64, Disk

\$29.95

**TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.**



# education

CTW

## SESAME STREET



### CBS SOFTWARE

## Preschool Skills Featuring... THE EASYKEY™ Keyboard Overlay

Each SESAME STREET™ program for preschoolers includes a durable, flexible vinyl Easykey overlay that fits snugly over the keyboard, allowing children to select options and answers using simple words and colorful pictures. No typing or computer experience required!

*Develop early reading skills.*

**LETTER-GO-ROUND.** One of the Muppet pals helps children recognize and match letters and words and practice simple spelling and word formation through six challenging levels. Lively, colorful graphics and music help entertain as the lessons teach. Includes storybook/manual.

35383 C64, Disk **\$12.50**  
35398 C64, Cartridge **\$12.50**

*Develop early math skills.*

**ASTRO-GROVER.** Help Grover greet the friendly Zips from the planet Zap and practice early math concepts of counting, addition and subtraction. As number skills improve, correct answers build a beautiful city or launch a spaceship. Five levels. Storybook/manual included.

35400 C64, Disk **\$12.50**  
35415 C64, Cartridge **\$12.50**

**Mister Rogers' Neighborhood: Many Ways To Say I Love You.** With the help of Emmy Award-winning Fred Rogers, children can now express the many ways they want to say "I love you" with their own electronic greeting cards. This program presents a playful setting where children and their families can make and receive warm expressions of love. All the caring and sensitivity of Mister Rogers' Neighborhood comes through in this easy-to-use program of message-making and fun. This creative design tool lets families and friends design special greeting cards that can be enhanced with music. Program includes text, on-screen "stickers" that can be animated, and background creation that are all under the complete control of the child. Also included is a child-tested Program Guide with activities for families to share.

36933 C64, Disk **\$21.95**

**BIG BIRD'S FUNHOUSE.** Play Hide and Seek with SESAME STREET friends and practice concentration, memorization and sequencing — important pre-reading and pre-math concepts. Children invite three Muppets to play and, at the touch of a key on the Easykey, send them scurrying around the Funhouse to hide. Children have to remember where all three are hiding! Five different ways to play. Includes storybook/manual.

35429 C64, Disk **\$12.50**  
35434 C64, Cartridge **\$12.50**

**BIG BIRD'S SPECIAL DELIVERY.** Big Bird and Little Bird have to deliver the mail and they need help! Children help them deliver the right packages to the right places by considering and comparing different objects according to their form, class and function.

35448 C64, Disk **\$12.50**  
35453 C64, Cartridge **\$12.50**

# Sprout

## Fun Learning Software for 4-8 year olds



ALL TINKI TONKI programs have high-resolution graphics, clear on-screen instructions, lively animation and original music throughout. Each includes five interactive stories, with many difficulty levels and variations. Lovable computer characters tie all the stories together. Ages 4 to 8.

**TINK'S ADVENTURE.** A unique way for children to learn the alphabet and how to use the computer keyboard as they help Tink find and win a treasure.

35541 C64, Disk **\$19.95**

**TONK IN THE LAND OF BUDDYBOTS.** Develops concentration and visual discrimination.

35560 C64, Disk **\$19.95**

**TUK GOES TO TOWN.** Children learn to spell and build their vocabularies as they help their new friend in his travels.

35556 C64, Disk **\$19.95**

**TINKA'S MAZES.** Children answer questions to help Tinka get through the mazes. Provides practice in counting and addition.

35575 C64, Disk **\$19.95**

## SPRINGBOARD

**EARLY GAMES FOR YOUNG CHILDREN.** Teaches basic skills... shapes and letters, how to add and subtract numbers, draw creatively, type with the computer, say the alphabet, and spell their own names. Picture menu requires no adult supervision. Ages 2½-6.

35983 C64, Disk **\$27.95**

**STICKERS.** Children select a sticker, color it, rotate it, position it, and make an imaginative sticker picture. Sticker Maker section allows children to create their own stickers. Ages 4-12.

35998 C64, Disk **\$27.95**

**EASY AS ABC.** Five fun games introduce children to letter recognition, alphabetical sequence and upper and lower case. Picture menu. Ages 3-6.

36008 C64, Disk **\$27.95**

**MUSIC MAESTRO.** Introduce children to the names of notes and keys on the piano. Play "Simon Says" or create a musical "Kaleidoscope." Allows children to create, record and play back their own tunes and melodies. Ages 4-10.

36013 C64, Disk **\$27.95**

**MAKE A MATCH.** Develops essential reading readiness skills. Children learn to match and classify objects by shape, color and orientation. Picture menu allows children to play independently. Ages 2½-6.

36027 C64, Disk **\$24.95**

**RAINBOW PAINTER.** Thousands of color patterns and fifty different brushes offer a variety of creative possibilities for line drawings, paintings and pictures. Children develop fine motor skills as they are entertained and challenged. Ages 4-10.

36032 C64, Disk **\$27.95**

**PUZZLE MASTER.** Choose an existing picture or create your own with powerful artistic drawing tools... then divide it up into 2 to 800 pieces! Puzzles can be made as easy or difficult as desired. Develop problem-solving ability while having fun. Ages 4 and up.

36046 C64, Disk **\$27.95**

**MASK PARADE.** Children can design their own masks, hats, glasses, jewelry, badges, accessories, etc... then actually print them out and wear them! Icons make it easy and fast to change faces and costumes at the press of a key on the computer keyboard. Ages 4-12.

36051 C64, Disk **\$27.95**

## TIMEWORKS

**THE EVELYN WOOD DYNAMIC READER.** Improve your reading comprehension, retention and speed. Work through the reading exercises and follow up with comprehension quizzes. Your progress will be automatically recorded on colorful bar charts. Repeat exercises as often as you wish. Package includes two disks and a user's manual. Minimum 6th grade reading level required. For ages 12 to adult.

35880 C64, Disk **\$39.95**

**CAVE OF THE WORD WIZARD.** You are trapped in a dark cave with a mysterious wizard and only a weak flashlight to light your way... and the only way to escape is to spell your way out! What a FUN way to practice spelling skills! This graphic adventure game with speech and sound effects includes 500 words in 10 spelling skill levels and 4 game skill levels. For ages 8 to adult.

35895 C64, Disk **\$27.95**



## Popular Educational Titles from **SPINNAKER**

### \*BUY 3 GET 1 FREE OFFER!

—see details page 40—

**ALPHABET ZOO.** Teaches relationship of letters and sounds. . .sharpens spelling skills. Ages 3-8.

36070 C64, Disk **\$16.95**  
25697 C64, Cartridge **\$24.95**

**KINDERCOMP.** Improves reading readiness and counting skills. . .familiarizes young children with the keyboard. Ages 3-8.

36084 C64, Disk **\$16.95**  
25709 C64, Cartridge **\$24.95**

**KIDS ON KEYS.** Introduces kids to the computer keyboard, teaches location of the letters and numbers. Ages 3-9.

36099 C64, Disk **\$16.95**  
25714 C64, Cartridge **\$24.95**

**FACEMAKER.** Children create funny faces on the computer screen, then animate them! Hours of fun. Ages 4-12.

36102 C64, Disk **\$16.95**  
25728 C64, Cartridge **\$19.95**

**DELTA DRAWING.** Begin by drawing pictures that produce computer programs. . .then learn to write programs that draw pictures! Ages 4-Adult.

25733 C64, Cartridge **\$19.95**

**FRACTION FEVER.** Fast-paced arcade action game teaches what a fraction is and relationships between different fractions. Ages 7-Adult.

25752 C64, Cartridge **\$19.95**

**UP FOR GRABS.** Exciting word game exercises spelling and vocabulary skills, sharpens strategy and quick decision making. Ages 8-Adult.

25771 C64, Cartridge **\$28.95**

**COSMIC LIFE.** Fast-paced competitive game of strategy and skill. Ages 8-Adult.

25766 C64, Cartridge **\$28.95**

## PIXELWORKS

Children like to draw and color, watch cartoons, even create fantasies. . .and Pixelworks has turned these creative pastimes into educational software programs! Programming knowledge is not needed, but the software will help children develop an understanding of programming skills as they interact with the computer. For ages 8-12.

**MR. PIXEL'S PROGRAMMING PAINT SET.** An on-screen drawing tablet allows children to create color pictures on the TV screen. Experimentation is encouraged by commands to alter, enhance or repeat drawings. Enjoyable for youngsters, yet sophisticated enough to challenge older children.

Sug. Retail \$29.95  
35857 C64, Disk **\$23.95**

**MR. PIXEL'S CARTOON KIT.** Children can animate their own cartoons with Mr. Pixel's Cartoon Kit! Just draw and then make the pictures come together to form a cartoon. It's fun. . .and a good lesson in what the computer can do.

Sug. Retail \$29.95  
35861 C64, Disk **\$23.95**

**SHOW DIRECTOR.** Actually allows children to create a theater production on the computer! Choose from 12 different backgrounds, select pictures, animated text, music and sound effects. Put them all together and let the show begin!

Sug. Retail \$29.95  
35876 C64, Disk **\$23.95**



# RANDOM HOUSE Software

## ALL THE BEST FROM OUR HOUSE TO YOUR HOUSE.

The Peanuts gang brings educational software to your computer!

**CHARLIE BROWN'S ABC's.** Delightful animation introduces children to letters and words. Shows both upper and lower case letters. Doublesided disk offers twice the fun for the price of one! Includes seven activity cards and suggestions for outside activities. Ages 3 to 7.

35486 C64, Disk

Sug. Retail \$29.95  
**\$23.95**



**PEANUTS MAZE MARATHON.** Your Peanuts pals are stuck at the beginning of some perplexing mazes. Help them find their way out and watch them animate and come to life. The computer draws new and different mazes each time. Control with keyboard or joystick. Develop logic and coordination skills. Ages 4 to 8.

35491 C64, Disk

Sug. Retail \$29.95  
**\$23.95**

**PEANUTS PICTURE PUZZLERS.** Electronic jigsaw puzzles provide hours of fun. Let the computer create pictures randomly, or children can choose from 13 characters to design their own puzzle. Set the skill level by choosing the number of pieces the puzzle is divided into, from 4 to 16. When the puzzles are solved correctly, the pictures come to life! Ages 4 to 8.

35503 C64, Disk

Sug. Retail \$29.95  
**\$23.95**



**SNOOPY'S READING MACHINE.** With the help of Snoopy and his wonderful reading machine, young children learn how letters are used as the building blocks of words. Teaches five word families: AT, ET, IG, OP, UG with 25 different words to create and learn. Various levels of play and fast-paced review games keep children's interest. Ages 4 to 8.

35518 C64, Disk

Sug. Retail \$29.95  
**\$23.95**

**SNOOPY TO THE RESCUE.** Woodstock has been birdnapped! Snoopy must rescue his friend from the Castle of Danger. Help him climb each treacherous floor of the castle. . .but WATCH OUT! Trap doors, moving floors, and robot guards block your path. You'll need to be clever, as well as quick, because the castle is also boobytrapped with math challenges. Your knowledge of addition is the only thing that will save Woodstock! Increasingly difficult play and skill levels. Ages 4 to 8.

35522 C64, Disk

**\$23.95**



**SNOOPY'S SKYWRITER SCRAMBLER.** Test your wits and skill with words. Make as many words as you can from Snoopy's challenge word. . .the more words you make, the more points you score! Over 40 different challenge words. . .or make up your own. Play by yourself or with an opponent. Can you be a Word Ace? Ages 8 to Adult.

35537 C64, Disk

Sug. Retail \$29.95  
**\$23.95**

## A NEW WAY TO LEARN GEOGRAPHY

Face it: learning geography can be pretty dull. . .after all, about the only way to do it is by memorizing names and places, right? WRONG! Radarsoft brings you **MAPS-64**, a fun and easy way to learn where places are. **MAPS-64** uses a game format kids love — they have to pilot a helicopter from point to point within a time limit set by the computer. Pretty soon they'll know their way from Nova Zemlya to Nova Scotia, and Waterbury to Warsaw!

**MAPS-64 U.S.A.** Six modes of play: Whole United States plus five regional maps (24 screens altogether!) Includes 5000 cities, rivers, mountains, etc.

**MAPS-64 WORLD.** The fun and learning continue on a bigger scale!

**MAPS-64 EUROPE.** From Barcelona to Budapest, and Madrid to Minsk, this is a sure-fire way to learn about the cities and countries in Europe.

37599 Maps-64 U.S.A. C64, Disk

Sug. Retail \$39.50

37602 Maps-64 WORLD C64, Disk

**\$32.95**

37617 Maps-64 EUROPE C64, Disk

**\$32.95**



**MAPS 64 U.S.A.**

**TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.**



# Commodore Public Domain Series

Commodore's Public Domain Series offers low cost educational software with high quality content. Excellent buys for school or home use.

**BUSINESS.** Students, teachers and business executives can all benefit from the 14 different educational programs in this package. Programs include: calculating loan interest, bond yields, depreciation schedules, mortgage tables and simulated business operations and stock transactions. Requires disk drive.

**27250 C64, Disk \$6.95**

**GEOGRAPHY.** Learning about the world is both entertaining and memorable thanks to the 13 topics in this program. Segments include world capitals, climates and distances, and lessons on America, England, France and Italy. A special program lets you print out a map of England if you have a printer. Ideal for geography teachers, and a fascinating way for anyone to improve his knowledge. Requires disk drive.

**27264 C64, Disk \$6.95**

**ENGLISH I.** Improve your use of English with this collection of 14 programs that include word definitions, parts of speech and antonyms. The lessons are spiced with word games — including the famous "Hangman" — and poetry-writing challenges. Requires disk drive.

**27279 C64, Disk \$6.95**

**ENGLISH II.** Sharpen your skills with 16 programs that include spelling and vocabulary drills, lessons about homonyms, verb forms and punctuation. Mr. Muggs will help amuse you as you learn. Requires disk drive.

**27283 C64, Disk \$6.95**

**ENGLISH III.** This collection of 15 lessons concentrates on teaching you more about the parts of speech. Mr. Muggs returns to guide you through the thicket of verb forms. Clever quizzes help you "get it" and make sure you've "got it." Requires disk drive.

**27298 C64, Disk \$6.95**

**ENGLISH IV.** Find the misspelled word and correct it. This is one of 15 challenging programs in this package. Others include drills on rhyming, unscrambling words, reading skills. . . and Shakespeare's *Romeo and Juliet*. Requires disk drive.

**27301 C64, Disk \$6.95**

**ENGLISH V.** Thirteen more English-improving programs — mostly spelling and word-recognition drills and games that ask you to unscramble words. Shakespeare encores with a lesson on six of his plays. Requires disk drive.

**27316 C64, Disk \$6.95**

**ENGLISH VI.** Tests on word meanings, spelling and vocabulary predominate in the 12 programs of this part of the English series. Spelling bee pays fictional money for factual answers. Requires disk drive.

**27320 C64, Disk \$6.95**

**ENGLISH VII.** Three challenging word games. "Word hunt" requires student to identify the fugitive word in a "Wanted" poster. In "Word Ladder," user changes one letter at a time to move from original word to target word. "Word Search" hides words in a crossword puzzle; player must find them to win. Requires disk drive.

**27335 C64, Disk \$6.95**

**MATH I.** Teachers and students alike will find that learning math can be easy and fun with Commodore's series of math lesson packages. MATH I drills you in arithmetic, gives algebra lessons and challenges you with a math game (can you break the code?). Requires disk drive.

**27349 C64, Disk \$6.95**

**MATH II.** Fifteen programs in this math package include problems in multiplication and division, drills on fractions and decimals and the challenge of solving addition problems to defuse bombs. Requires disk drive.

**27354 C64, Disk \$6.95**

**MATH III.** Series of 15 programs offers lessons and drills in metric conversion, factoring, probability, basic math and algebra. Features many interesting drills. Requires disk drive.

**27368 C64, Disk \$6.95**

**MATH IV.** Fourteen more math education programs cover such topics as manipulation of equations, multiplication of monomials and prime factoring of whole numbers. Includes 2-player drills and a math version of "Hangman." Requires disk drive.

**27373 C64, Disk \$6.95**

**MATH V.** Drills and games on subjects ranging from basic math facts to linear equations, from making change to calculating the area of a circle. Fifteen programs in this package. Requires disk drive.

**27387 C64, Disk \$6.95**

**MATH VI.** This collection of 15 math education programs uses drills and games to teach such topics as calculating percentages, graphing points, geometric planes, metric system and mortgage tables. Requires disk drive.

**27392 C64, Disk \$6.95**

**MATH VII.** Advanced programs are featured in this 16-lesson package. Includes prime numbers, trinomial roots and probability. Some basic math programs add to the versatility of the package. Requires disk drive.

**27404 C64, Disk \$6.95**

**MATH VIII.** The 11 programs in this package include drills, games and lessons on algebra, trigonometry, slopes and factoring. Requires disk drive.

**27419 C64, Disk \$6.95**

**COMPUTER SCIENCE.** Increase your proficiency in the use of your computer with these 13 programs. Included are: sorting lists, drawing graphs and creating animation. Simulation techniques are used, and there's a computer history quiz. Requires disk drive.

**27423 C64, Disk \$6.95**

**SCIENCE I.** Fascinating series of science programs entertains as it teaches. The 12 lessons in SCIENCE I cover various topics in physics and chemistry. Simulates experiments. Requires disk drive.

**27438 C64, Disk \$6.95**

**SCIENCE II.** Lessons and quizzes in this 13-part package include physics, chemistry, electricity and genetics. One program simulates a Geiger counter. Requires disk drive.

**27442 C64, Disk \$6.95**

**SCIENCE III.** Twelve more science education programs cover such topics as meter-reading, the microscope, the Periodic Table and a simulation of a nuclear power plant. Requires disk drive.

**27457 C64, Disk \$6.95**

**SCIENCE IV.** A titration experiment, Celsius temperature conversion, photosynthesis experiments and remedial chemical nomenclature are among the 11 lessons in this package. Requires disk drive.

**27461 C64, Disk \$6.95**

**TECHNOLOGY.** This attention-getting series of 10 programs covers a variety of technical topics and demonstrates how recent advances affect our lives. Topics range from how a computer follows a flow chart and a driver's handbook quiz to resistors, capacitors and Ohm's Law. Requires disk drive.

**27476 C64, Disk \$6.95**

**HISTORY.** Whether you're a history student or not, you'll delight in this five-part package. Quizzes cover ancient history, famous people, presidents of the United States and both World Wars. There is also a fascinating simulation of 19th Century American elections. . . the results are based on your strategy input. Requires disk drive.

**27480 C64, Disk \$6.95**

**GAMES I.** These action games amuse while they instruct, provide fun while you improve your computer skills. GAMES I of the series includes 14 games as diverse as number-guessing, Civil War battles, "shooting craps" and guiding a "snake" to hit target boxes. Requires disk drive.

**27495 C64, Disk \$6.95**

**GAMES II.** Word-guessing, logic and math games, a simulation of "Hi-O" and mathematical "Hangman" are among the 13 lively games in this package. Many hours of educational fun. Requires disk drive.

**27507 C64, Disk \$6.95**

**GAMES III.** Seven more action games involve a variety of characters, including Snoopy and the Red Baron, a snake, a Snark, a warehouse supervisor and a mysterious creature. More fun for family, teachers and students. Requires disk drive.

**27512 C64, Disk \$6.95**

## Great Programs for Kids from

**KIDware**



All KIDware programs are non-violent, inexpensive, educational and FUN! All cassettes contain two programs on one cassette!

**HANGMAN.** Features excellent graphics with animation and tests a child's spelling abilities. The program has nearly 400 words built-in for individual practice, or any word may be entered for a two player game.

**MEMORY** is like the old TV game "Concentration." Two players find matching pairs of letters on a playing board. Whoever gets the most matches wins!

**36188 C64, Cassette \$10.95**

**36193 C64, Disk \$13.95**

**NUMBERS I.** Uses magic hats and number factories to help your preschooler learn and recognize numbers. Lively animated graphics make this game extra fun.

**NUMBERS II** teaches the concepts of before and after and provides an introduction for addition and subtraction skills. Colorful scoring system gives rewards to top performers.

**36205 C64, Cassette \$10.95**

**36210 C64, Disk \$13.95**

**LETTERS I.** Teaches preschoolers the upper case letters. Animated graphics feature magic genie bottles and alien spacecraft. Also helps your child learn letter locations on the keyboard.

**LETTERS II** teaches the alphabet using bright graphics. Two games, "Before and After" and "Fill in Blanks," help your child learn where each letter belongs. Built-in scoring provides performance measurement.

**36224 C64, Cassette \$10.95**

**36239 C64, Disk \$13.95**

## CLOSE-OUT! While They Last-



**COMM \* DATA**  
**COMPUTER HOUSE, INC.**

Sug. Retail \$27.95

**TODDLER TUTOR.** Give your preschooler a big headstart with the four programs in this game-like package. Learning the alphabet and numbers as well as memory and matching skills can be fun. (Preschool age)

**14043 C64, Cassette/Disk \$4.95**

**ENGLISH INVADERS.** It's fun to learn language skills while playing English Invaders, Wordspot, Vowel Saucers and Smash! These games drill the fundamentals of English using nouns, verbs, adjectives, adverbs and other aspects of our language in an exciting computer arcade format. (Grades 1-8).

**13883 C64, Cassette/Disk \$4.95**

**SKETCH AND PAINT.** Enjoy the excitement of creating your very own computer graphics. Use your joystick to draw colorful high resolution pictures on the screen, then save them on tape or disk for later enjoyment. Added features allow single keystroke, special graphic effects and sound.

**14055 C64, Cassette/Disk \$4.95**

**PRIMARY MATH TUTOR.** Get off to a good start in school with the four math programs in this tutor series. Graphic instructional method with drill and practice follow-up teach simple addition, addition with carry, simple subtraction and subtraction with borrowing. (Grades 1-4).

**14036 C64, Cassette/Disk \$4.95**

**GOTCHA MATH GAMES.** Zero in on the frenzy of Invaders, Derby, Drag and Gotcha while mastering the math skills of addition, subtraction, multiplication and division. Four educational games make math fun and exciting. (Grades 1-8).

**13953 C64, Cassette/Disk \$4.95**

**EDUPAC MATHPACK 2.** Second set of 6 programs in Comm Data's math series. Gamelike drills help students master multiplication, Roman numerals, decimals and square roots. Fraction Blackjack and Laser Percents provide entertainment plus valuable math instruction. (Grades 4-8).

**26031 C64, Cassette \$4.95**

## VIC-20

**HOME BABYSITTER.** Youngsters from one year up delight in this educational game. Teaches the letters of the alphabet and numbers up to 20. A funny face maker that changes the hair, ears, mouth, eyes, nose, chin and colors of the face adds to the fun. Start your children early on their way to computer proficiency.

**27865 V20, Cartridge \$4.95**



**MACDONALD'S FARM.** Asks you to help Farmer MacDonald round up his runaway animals. A nice rendition of "Old MacDonald Had a Farm" plays whenever you find an animal and get him back into the barn. This is our most popular game. **SIMON SAYS** plays a musical tone and color pattern and you must repeat it exactly or Simon wins. Starts out easy and gets harder.

36243 C64, Cassette \$10.95  
36258 C64, Disk \$13.95

**JUNIOR HANGMAN.** Is an alternate version of the popular HANGMAN game. This version has over 350 built-in words for five and six year olds. The program was developed and tested under the guidance of a veteran Kindergarten teacher. **JUNIOR MEMORY** allows two players to compete in finding matched pairs of shapes on a 16 square playing board. A junior-level concentration-type game. The most matches wins!

36262 C64, Cassette \$10.95  
36277 C64, Disk \$13.95

**ADDITION.** Is the first of a four program series in basic arithmetic skills. This program features flash card drills in addition. The level of problem difficulty can be varied and, based on player performance, the computer will encourage moving to different skill levels or to different programs. A timer option challenges the player's ability to answer quickly, as well as accurately. **SUBTRACTION** is similar, but with subtraction problems.

36281 C64, Cassette \$10.95  
36296 C64, Disk \$13.95

**SHAPES.** Provides two games in shape recognition. In the first game, the player names eight basic shapes. The second game asks the player to match like shapes. **DIRECTIONS** is a tutorial program that teaches left and right and top and bottom. Two colorful friends, Tom and Kate, help in the learning process.

36309 C64, Cassette \$10.95  
36314 C64, Disk \$13.95

**MATH TEST.** Was written for the classroom, but could also be used at home. The computer gives a math test of up to 30 problems (that you specify) to a maximum of 40 students. The computer scores and stores the result of each test for the teacher's information. Each test can be stored on tape for later use. **FACTORS** features flash card practice in basic addition, subtraction, multiplication, and/or division, with any factor you choose. Computer scoring and evaluation helps build your child's confidence.

36328 C64, Cassette \$10.95  
36333 C64, Disk \$13.95

**BUNNY COUNT.** Lets you count the bunnies as they hop across the screen. Good game for the child just learning to count. Colorful rewards for good performance. **EARLY MATH** presents addition and subtraction problems with the numbers 0 to 9. A tutorial program that graphically demonstrates adding and taking away. Positive rewards build confidence.

36347 C64, Cassette \$10.95  
36352 C64, Disk \$13.95

**SHOOT THE MOON.** Is a spelling competition for up to four players. Play two games, "Flasher" and "Scrambler," with your spelling list. You can even save the list on tape for future use. Great program for home or school. **SPELLMAN** lets you play "Hangman" with your own spelling list. The list can be typed in or read from cassette tape. Optionally, when finished playing, your list can be saved on tape for later reference. Ideal program for elementary school kids.

36366 C64, Cassette \$10.95  
36371 C64, Disk \$13.95

**CLOCK/DICE. CLOCK** is an excellent program for teaching your child how to tell time. A lesson in reading the hands of a clock is given. Following the lesson a quiz is given to check mastery of the skill. Nice graphics and difficulty levels. **DICE** is a game with a new twist. From 1 to 4 dice can be displayed. You have to count the dots on each die and enter the sum of all the dice. Good practice for dicebased games. Ages 5-10. From KIDware.

36385 C64, Cassette \$10.95  
36390 C64, Disk \$13.95

**COLORS.** Has two fun games in color discrimination and recognition. The first asks you to name seven basic colors. In the second game, the player must match identically colored squares. **NUMBER NAMES** has two games relating digits and names for the numbers 0 to 9.

36402 C64, Cassette \$10.95  
36417 C64, Disk \$13.95

# MicroEd

MicroEd helped pioneer the educational software market, and their quality products continue to make them one of the leading educational publishers in the United States.

**HAT IN THE RING.** A two-player presidential election game for elementary and higher-level students. Acquaints students with political considerations involved in running a presidential candidate. Republican or Democrat. Each candidate must make campaign decisions throughout the exercise.

26313 C64, Cassette \$8.95  
26327 C64, Disk \$11.95

**THE VERB.** Teaches action verbs, linking verbs and verb phrases at the elementary-and-up level. Subject matter is defined and taught through examples. Then the learner is tested on the material. At the end of the lesson, his or her performance is summarized.

26399 C64, Cassette \$7.95  
26401 C64, Disk \$9.95

**CLOCK.** Primary-grade students are presented problems in telling time by the hour and half hour. Learner translates time on clock face by typing the appropriate numbers. Computer will not print incorrect answers, thus guiding student to the right ones. Pressing question mark key displays correct answer. Learner's performance is summarized at end.

26257 C64, Cassette \$7.95  
26261 C64, Disk \$9.95

**MAKING AN OUTLINE.** Computer presents the elementary student with an article to read. The student must finish a partly completed outline by selecting sub-topics in the order they appear in the article. The student may review the article as often as necessary. At the end of the lesson, performance is summarized.

26351 C64, Cassette \$7.95  
26365 C64, Disk \$9.95

**GUESS THE WORD.** Program for elementary and higher grade levels makes it easy to create spelling lessons, using words of your choice. Simply type in the words on the appropriate lines. Students from grades 4 and up can create their own lessons.

26332 C64, Cassette \$7.95  
26346 C64, Disk \$9.95

**TARGET MATH.** Problems in addition, subtraction, multiplication and division for elementary students. Parachute jumpers land on target if answers are correct, overshoot or undershoot if answers are too high or too low. Student can control level of difficulty, terminate lesson at any point. Performance is summarized at end.

26276 V20, Cassette \$7.95  
26280 V20, Disk \$9.95

26295 C64, Cassette \$7.95  
26308 C64, Disk \$9.95

**TRAIL WEST.** Game of options and events for elementary students and adults alike. Player tries to get to the gold fields of California 2,000 miles away. You start with units of food, ammunition, clothing and supplies, and can transfer reserve units to meet needs as they arise.

26219 V20, Cassette \$7.95  
26223 V20, Disk \$9.95

26238 C64, Cassette \$7.95  
26242 C64, Disk \$9.95

**STORY PROBLEMS IN ADDITION AND SUBTRACTION.** Lords and knights populate the 103 rooms of the Great Castle. The computer poses an assortment of problems, and to solve them the student must read and understand what is being asked. If the student doesn't know the answer, the computer will give it. At the end of each lesson, the student's performance is summarized. For elementary education.

26370 C64, Cassette \$7.95  
26384 C64, Disk \$9.95

**TACHISTOSCOPE.** Small groups of words are flashed on the screen in random order. Student attempts to read each group at a glance, then reproduce it at the computer keyboard. Learner can choose from 5 speeds. Performance is summarized at the end of each run. For elementary students.

26420 V20, Disk \$9.95  
26435 C64, Cassette \$7.95  
26449 C64, Disk \$9.95

# MicroEd

MicroEd has conveniently packaged several of their excellent education software programs in 4-packs: according to grade level and subject-offering more value for you!

**COUNTING.** Four-pack for kindergarten and up includes "Count'em," "What Number is Missing?," "Adding with Objects" and "Subtracting with Objects." Requires disk drive.

26454 C64, Disk \$34.95  
Sug. Retail \$34.95

**ADDING AND SUBTRACTING WHOLE NUMBERS.**

26468 C64, Disk \$26.95

**MULTIPLYING AND DIVIDING WHOLE NUMBERS.**

26473 C64, Disk \$26.95

**SPEED MATH.** Four proficiency programs for students in grade 2 or higher. "Math Shootout," "Sum-it Mountain," "Number Jumper" and "Two-Minute Warning." Requires disk drive.

26487 C64, Disk \$26.95

**PRIME NUMBERS AND FACTORS.**

26492 C64, Disk \$26.95

**FRACTION CONCEPTS.**

26504 C64, Disk \$26.95

**CHALLENGE MATH I.**

26519 C64, Disk \$26.95

**FRACTION OPERATION.**

26523 C64, Disk \$26.95

**MONEY.** Practical knowledge for grades 4 and up. MicroEd offers "A Dollar and Change," "Balancing Act," "Maxi Taxi" and "Parking Lot." Requires disk drive.

26538 C64, Disk \$26.95

**MEASUREMENT.** "Ruler Dueler," "Metric Jump," "E.T.A." and "Figuring the Angles." All for grade 4 and up. Requires disk drive.

26542 C64, Disk \$26.95

**CHALLENGE MATH II.**

26557 C64, Disk \$26.95

**DECIMALS.**

26561 C64, Disk \$26.95

**GRAPHS AND CHARTS.** Another four-bagger for grades 5 and up. Lessons: "Bar Graph," "Lasersect," "The Ad Game" and "The Green Machine." Requires disk drive.

26576 C64, Disk \$26.95

**CHALLENGE MATH III.**

26580 C64, Disk \$26.95

**BASIC GRAMMAR ONE.** The noun. The verb. The adjective. The adverb. They all make up this four-pack for grades 5 and up. Requires disk drive.

26595 C64, Disk \$26.95

**THE DRIVER'S ED MANUAL.**

26651 C64, Disk \$26.95

**BASIC GRAMMAR TWO.** Following Basic Grammar One, "Agreement of Subject and Verb," "Subject and Predicate," "The Preposition," and "Misplaced or Dangling Modifiers." For grades 5 and up. Requires disk drive.

26608 C64, Disk \$26.95

**REFERENCE SKILLS.** This package includes "Dictionary Guide Words," "Encyclopedia Key Words," "Card Catalog" and "Library Terms." Fifth grade or higher. Requires disk drive.

26613 C64, Disk \$26.95

**READING FOUR.** Four reading-skills lessons for grades 4 and up. "Identifying Complete Sentences," "Catch the Rhyming Fish," "Tachistoscope," and "Putting Fiction Books in Order." Requires disk drive.

26627 C64, Disk \$26.95

**SOCIAL STUDIES ONE.** Four-pack for students in grades 5 and up. Includes: "Hat in the Ring," "Transcontinental Railroad," "States and Capital" and "Trail West." Requires disk drive.

26632 C64, Disk \$26.95

**SIMPLE MACHINES.** For students in grades 3 and up. Programs are: "Balance Beam," "Bull's-eye," "Direct Hit" and "Block Stacker." Requires disk drive.

26665 C64, Disk \$26.95

**SCIENCE CHALLENGES.** Basic science lessons aimed at grades 3 and up. "Torpedo Alley," "Earthquake," "Alfalfa Millionaire," "Light Five." Requires disk drive.

26670 C64, Disk \$26.95

**ENERGY AND POWER.** For grades 4 and up. Includes "Hay Day," "Demolition Derby," "Watts Up" and "River Run." Requires disk drive.

26684 C64, Disk \$26.95

**WEATHER FACTORS.** "Thunderbolt," "Wind Cloud," "Dew Drop," and "Four Seasons." Aimed at grades 4 and up. Requires disk drive.

26699 C64, Disk \$26.95

**BODY SYSTEMS.** Physiology from MicroEd for grades 5 and up. Programs are: "Blood Bank," "Explorer's Digest," "Second Wind" and "Sunnyside Up." Requires disk drive.

26701 C64, Disk \$26.95

**LEWIS AND CLARK EXPEDITION.** Students in grades 5 and up can follow the explorers: "From Pittsburgh to Camp Wood," "From Camp Wood to the Mandan Villages," "From Fort Mandan to Camp Fortunate" and "From Camp Fortunate to Fort Clatsop." Requires disk drive.

26646 C64, Disk \$34.95



## Education

# Walt Disney

PERSONAL COMPUTER SOFTWARE

from



SIERRA



**WINNIE THE POOH — IN THE HUNDRED-ACRE WOOD.** When a blustery wind comes up one day each character in the Hundred-Acre Wood loses an important belonging. You must find each lost article and return it to its rightful owner. But be careful. . . another blustery wind could come up at any time! Emphasizes map skills, reading skills and logical thinking. Ages 7 and up. Sug. Retail \$24.95  
**36505 C64, Disk \$19.95**

**GOOFLY'S WORD FACTORY.** Today, Goofy starts his new job at the word factory. As words move along the conveyor belt, it's his job to sort them out, dropping each in the chute where it belongs — noun in the noun chute, verbs in the verb chute, but that takes time. Or he can throw the words, but he'll have to watch out for passersby. Goofy sure could use your help. If he does well, he may even get promoted. Ages 8 to 12. Sug. Retail \$24.95  
**36524 C64, Disk \$19.95**

**MICKEY'S SPACE ADVENTURE.** Mickey and Pluto discover a stranded space ship from the far-off planet of Oron. Oron's "memory crystal" containing the planet's entire history has broken into nine pieces and is scattered throughout our solar system. Explore space with Mickey and Pluto in search of Oron's past. Emphasizes map skills, planetary science and creative problem solving. Ages 8 and up. Sug. Retail \$24.95  
**36510 C64, Disk \$19.95**

**DONALD DUCK'S PLAYGROUND.** Uncle Donald has promised to build a playground set for his nephews Huey, Dewey, and Louie. First, work at four different jobs with Donald, helping him earn the money he'll need to buy supplies. Then you and Donald visit several stores to shop for parts you'll use to build the playground set. Knowing all about money will help, because you'll have to pay for the parts with the money you've earned. Sug. Retail \$24.95  
**36539 C64, Disk \$19.95**

## CHILDREN'S TELEVISION WORKSHOP and CBS TEAM UP FOR OLDER KIDS, TOO!!

**DINOSAUR DIG.** Begin with an electronic journey back to the geologic time when dinosaurs roamed the earth. Kids explore and learn all about dinosaurs, from where they lived to why they died. Then its on to five different games that review information already learned and present new dinosaur facts. Fascinating study for kids and parents! Includes Easykey keyboard overlay. Sug. Retail \$39.95  
**36543 C64, Disk \$34.95**

**AMERICA COAST TO COAST.** Five geography games in one! In State Facts kids learn state names, capitals, years of statehood, shapes, mottos and selected industries for all 50 states. Other games build on the information presented in State Facts and include State Quiz, Mystery State, Across The USA and State Shoot. Sug. Retail \$39.95  
**36558 C64, Disk \$34.95**



**CBS SOFTWARE**

## Success With Math Series

This teacher-created, classroom-tested series of comprehensive self-paced tutorials help reinforce basic math skills. These programs give children individualized attention and are like "tutors with infinite patience". The easy to understand, on-screen explanations illustrate the step-by-step process of problem-solving, and errors are identified as they occur, clearly pointing out the source of the mistake. Problems are randomly chosen and new ones appear each time the programs are run. Sug. Retail \$24.95

**35467 S.W.M.** Addition and Subtraction, 1-4 grades, C64 disk **\$21.95**  
**36140 S.W.M.** Multiplication and Division, 2-8 grades, C64 disk **\$21.95**  
**36577 S.W.M.** Fractions (Add./Sub.), 5-8 grades, C64 disk **\$21.95**  
**36581 S.W.M.** Fractions (Mult./Div.), 5-8 grades, C64 disk **\$21.95**  
**35472 S.W.M.** Decimals (Add./Sub.), 5-8 grades, C64 disk **\$21.95**  
**36562 S.W.M.** Decimals (Mult./Div.), 5-8 grades, C64 disk **\$21.95**  
**36596 S.W.M.** Linear Equations, 7-11 grades, C64 disk **\$21.95**  
**35907 S.W.M.** Quadratic Equations, 9-12 grades, C64 disk **\$21.95**



**KERMIT'S ELECTRONIC STORYMAKER.** Children create their own animated stories using the Muppets as actors in this early reading game from Simon and Schuster. Teaching the rudiments of sentence structure while it builds vocabulary, the program lets kids make Kermit, Miss Piggy, Gonzo and the rest dance, fly spaceships or sail boats in settings from the ocean floor to the surface of the moon. Ages 4 and up. Sug. Ret. \$39.95  
**36609 C64, Disk \$33.95**



Encourage creativity with the PLAY WRITER series from Woodbury Software!

Kids can actually publish their own hardcover books! Every Play Writer package includes color stickers, full page art, book cover, paper and a story disk.

Write your very own Autobiography!

**TALES OF ME.** Turn your computer into a creative writing tool that asks questions to uncover the highlights of your past, and helps you create fantasies about your future. You choose the events, describe the important people in your life, and decide every twist and turn your plot takes! Then publish your story! Print out the story and put the book together using the book jacket, colorful stickers, and full-page illustrations included in each package. Use "Tales of Me" over and over. . . write a different story each time. Ages 7-14. Sug. Retail \$39.95  
**36614 C64, Disk \$34.95**

**36633 Book Refill Pack \$9.95**

**ADVENTURES IN SPACE.** With the help of your computer, you can write your own story of "Adventure In Space." Create the heroes and villains, design the plot. Every time you use "Adventure In Space" your story will be as different as you want it to be! Then publish your own hardcover book using the materials enclosed. Ages 7-14. Sug. Retail \$39.95  
**36628 C64, Disk \$34.95**

**36647 Book Refill Pack \$9.95**

### IMPORTANT!

This may be your last free catalog if you are not planning to order from us soon, be sure you're on our mailing list for future catalogs and sale fliers. Check your address label. If you see any of the following three digit codes above your name: C2A, C2B, C2C, C2D, C2E, relax, you are on our permanent mailing list. If you see a different three digit code, please cut out your complete address label, check it for accuracy, and mail it to us. We will make sure you are put on our permanent mailing list. Mail to: TENEX P.O. Box 6578, South Bend, IN 46660  
**WRONG CATALOG?** Tenex publishes catalogs for owners of TRS90A, Commodore and other microcomputers. If you are receiving the wrong catalog, please contact our Customer Service Department so your name can be changed to the correct list!



## Complete SAT Preparation and College Guide. . .



**LOVEJOY'S PREPARATION FOR THE SAT.** Face this all-important test with confidence after working through this comprehensive preparation program. Features 27 separate practice modules covering everything from analogies to trigonometry; extensive help screens, including an on-screen "scratch pad" and four-function calculator; two practice exams designed to accurately simulate the real SAT; over 120 pages of tips and strategies for taking the SAT including rules of grammar, sentence construction, mathematics, and more; an easy-to-use review format which shows both wrong and right answers, and **why** the correct answer is correct. Included in every package is a pocket edition of **Lovejoy's College Concise Guide**, a sourcebook for college-bound students. From Simon and Schuster.

Sug. Retail \$69.95  
\$59.95

36666 C64, Disk

### #1 Bestselling Educational Program



**TYPING TUTOR III.** Computer productivity depends on typing skill and speed, and Typing Tutor III is an ideal coach! Choose the alphabet keys drill or the number keys drill, set your threshold level, and go to work! Typing Tutor III reports your raw speed in words per minute, number of errors, and corrected speed. Then it automatically adjusts to your abilities and progress, creating custom-designed lessons. A standard speed test is also included. An added bonus: Letter Invaders, an arcade-style game that enables you to take an entertaining break from the program and sharpen typing skills at the same time. From Simon and Schuster.

Sug. Retail \$39.95

36671 C64, Disk \$34.95

**THE HALLEY PROJECT: A MISSION IN OUR SOLAR SYSTEM.** Want to be a star pilot? To qualify you must master basic facts about the planets and moons in our Solar System including an understanding of gravity, orbital motion, and navigation by the stars. Complete a series of rigorous tests in this graphic, real-time simulation and you may be able to join The Halley Project! For ages 10 and up. Requires joystick. From Mindscape.

Sug. Retail \$39.95

36685 C64, Disk \$29.95

**PREPARING FOR THE SAT AND OTHER APTITUDE TESTS.** Scoring high on tests depends on knowing your facts and your test-taking strategy. This software from Program Design, Inc. helps you to become a confident, successful test-taker and provides training in specific parts of the SAT procedure. Package includes a case book and the following lessons: Vocabulary Builders, Analogies, Number Series, and Quantitative Comparisons. Make yourself SAT-ready!

Sug. Ret. \$69.95

36690 C64, Cassette

\$59.95

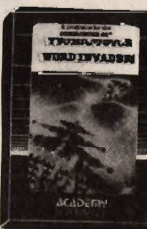
36702 C64, Disk

\$59.95

### VIC-20, C-64

"This is an excellent program that makes typing practice an enjoyable pastime instead of boring drudgery." —Dillithium Press

**TYPING TUTOR PLUS WORD INVADERS.** Start with the easy "home keys" and progress to new keys as your skills develop. Word Invaders makes touch typing practice fun! Blast the invading words out of the sky before they destroy your base. Varying levels of difficulty match the letters you have learned with Typing Tutor. From Academy Software.



Sug. Retail \$21.95

36736 VIC-20, Cassette

\$17.95

36717 C64, Cassette

\$17.95

36721 C64, Disk

\$17.95

Your favorite toy soldier is now an "Activity Toy" from . . .



**G.I. JOE.** Start your mission by checking the computerized World Hot-Spot Map for areas of COBRA activity. Pick the area that needs your help, and then select any one of the 16 G.I. Joes who is best suited for the mission. If you plan the right strategy you'll complete the mission. . . if not, you'll have to try again. For one or two players. From Epyx.

Sug. Retail \$29.95  
\$22.95

36740 C64, Disk



**EPYX**  
COMPUTER SOFTWARE



**BARBIE.** Get Barbie ready for her dates with Ken. They go on picnics, to pool parties, out to dinner, to play tennis and exercise. . . so you'll have to get her dressed properly. Choose something from her closet filled with beautiful clothes, or go shopping at the boutique specialty shops. Even style and color her hair! With the help of the computer, the combinations are endless, and so is the fun! For one player. From Epyx.

Sug. Retail \$29.95

\$22.95

36755 C64, Disk

**CBS**  
SOFTWARE

**T. REX.** Learn about life during prehistoric times from the viewpoint of the ferocious "King of the Dinosaurs." Take on the role of Tyrannosaurus Rex and pit your knowledge and skills against the laws of nature in this exciting computer simulation. Within four levels of activity, you control T. Rex's movements and must maintain survival levels of food, energy, water and temperature. Attempt this challenging lesson in survival. From CBS.

Sug. Retail \$49.95

36788 C64, Disk

\$39.95

**Find The Missing Letters Before Your Time Runs Out!**

**WEBSTER: The Word Game** encourages children to recognize familiar word forms and gives them a hand with their spelling while having fun playing this fast-paced, easy-to-play game. Players are given a word with key letters missing. As the word starts to move down the screen, players move the computer-animated hand across the on-screen alphabet, stopping at the point where they think the hand is pointing to the missing letter. Just the press of a button lets them know if they're right or wrong. If the word gets to the bottom of the screen before the correct letter is chosen, all the letters of the word are revealed and the player can try again. With the use of bright, colorful graphics and musical clues Webster provides an environment in which kids have fun recognizing word patterns and practicing letter sequencing skills. Multiple levels start them off at simple words and progress to more complex terms. Includes "Freebies" which give kids hints when they're having difficulty and "demon words" to challenge the best spellers and give extra point incentive. From CBS.

Sug. Retail \$14.95

37546 C64, Disk

\$12.50



**Have Fun Searching For Words Within Words!**

**WORDFINDER.** A sure hit with the whole family, this enjoyable, self-paced word game makes improving vocabulary and spelling skills fun! From within the Key Word (24 to choose from) players must find as many words, of at least three letters, as they can. One point is scored for each letter in the newly found words the computer deems acceptable. For an even greater challenge, Bonus Words appear randomly. They offer players extra points. For Bonus Words, players must choose the correct definition from the four alternatives. From 24 original Key Words, 1500 words can be created — enough for hours of challenging play. Makes learning fun! From CBS.

Sug. Retail \$34.95

36774 C64, Disk

\$26.95

Developed in cooperation with the National Association of Secondary School Principals.

**MASTERING THE SAT.** A full-length SAT pre-test gauges your initial performance and lets you know where you need improvement. Skill development exercises cover all areas: Verbal, Math and the Test of Standard Written English. Emphasis is placed on the principles involved in each question and its solution, as well as test-taking strategies. Package includes 152-page Test Preparation Workbook, 2 full-length simulated exams and review material. Proper preparation can raise SAT scores, start today! From CBS.

Sug. Retail \$79.95

36769 C64, Disk

\$59.95

**ACTIVISION**  
HOME COMPUTER SOFTWARE

**I AM THE C-64.** Learn how to get the most out of your Commodore 64 from the inside out, with this two-part tutorial program that quickly and easily makes you the master of your computer's power. A colorful, self-paced series of demonstrations helps Commodore owners learn by doing — everything from basic programming to graphics and sound. From Activision.

**Introductory Series:** Vol. 1: Overall introduction to the C-64. Vol. 2: Introduction to the Keyboard. Vol. 3: Introduction to the BASIC programming language.

**Advanced Series:** Vol. 4: Advanced BASIC programming techniques. Vol. 5: Sprite graphics. Vol. 6: Music and sound effects.

Sug. Retail \$29.95

24112 C64, Disk

\$24.95

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



## home management/finance/business

**Rated "A" by RUN magazine. . .**  
**Complete word processing with built-in 70,000**  
**word spell checking — Only \$59.95!**

**FLEET SYSTEM 2.** Perfect for book reports, term papers, or full office use, Fleet System 2 offers two powerful programs in one! The lightning-fast 70,000 word spelling dictionary can be customized by adding over 15,000 of your own words. Word processing features include horizontal scrolling during typing, easy correction and movement of text, page numbering, centering, indenting, headers and footers, math functions, search and replace, mail merge, and much, much more! Built-in review mode lets you see exactly what will be printed! Fleet System 2 provides other useful information such as total number of words in document, number of times each word appears, total number of "unique" words, and more. All these great features are standard. . . a real word processing VALUE! From Professional Software, Inc.

36793 C64, Disk

Sug. Retail \$79.95  
**\$59.95**

## The Scarborough System

MasterType **GUIDE**  
 Phi Beta Filer

**PHI BETA FILER.** This flexible program can be used for many things, from organizing lists to helping students with homework! Helps keep track of addresses, dates, insurance and medical records, etc. Even has a function that designs quizzes on any subject, quickly and easily! For ages 8 to adult.

36811 C64, Disk

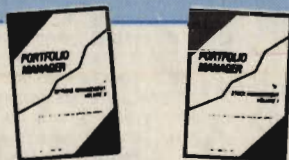
Sug. Retail \$39.95

**MASTER TYPE.** Sharpens typing skills and increases the keyboard skills needed to be at home with a computer. Makes learning fun! For ages 8 to adult.

36825 C64, Disk

Sug. Retail \$39.95

**\$29.95**



**PORTFOLIO MANAGER.** Manage your individual stock portfolio with ease. . . it's so fast you'll want to update your portfolio everyday! Once your stocks are recorded, you can update in seconds by simply entering the new quotation. A display (or printout, if you have a printer) is immediately available showing present value, percent and actual dollar gain/loss, shares owned, average purchase price and totals. Helps at tax time by tracking dividends and long/short term gains and losses. If used for managing investments, it may be tax deductible! The VIC 20 version handles approximately 25 individual stocks and about 100 different transactions per portfolio. The Commodore 64 version deals with about 40 stocks and 300 transactions. From Basic Byte, Inc.

13845 V20/C64, Cassette/Disk, Volume I

Sug. Retail \$79.95

**\$69.95**

**VOLUME II.** Provides record-keeping for the more speculative options trader. Determines the "fair market" value of any stock option for comparison to actual prices. Up to 10 different stock or strike prices can be entered and the program will determine values and rank order them by best value.

32634 C64, Disk

Sug. Retail \$79.95

**\$69.95**

## WONDERING ABOUT USING THE C-64 FOR BUSINESS?

The C-64's capabilities have been successfully applied to many tasks for small businesses. At last, there is a helpful guide to aid the business owner or manager in selecting hardware and software for use in a small business or home business: **THE SMALL BUSINESS GUIDE TO THE COMMODORE 64.** This 300 page book will save you its purchase price many times over by helping you avoid common pitfalls and select the right software the first time.

Over 150 programs are reviewed in detail and illustrated by photos of actual screen displays.

The author, Don Vandeventes, is a noted home and small business consultant. His books and articles have been featured in magazines such as Income Opportunities, Selling Direct, In Business, Micro Moonlighter, Info 64, and many others.

Don't risk your time and money experimenting with business programs that may not do what you need them to — invest in "The Small Business Guide" and make the right choice the first time.

37648 The Small Business Guide to the

Commodore 64

**\$24.95**

## COMMODORE 128 SOFTWARE

All the software for the Commodore 64 listed in this catalog will run on the C-128 in its C-64 mode. Even if the program description doesn't mention the C-128, it will run. Many firms are developing new software that will take advantage of the C-128's advanced features and bigger memory. These are designated as "C-128" software, and will run only on the C-128. At presstime, only a few were available (see page 17) — contact our Customer Service department for the latest list of C-128 software and CPM software for the C-128.

## Commodore BEST SELLERS

**EASY SCRIPT.** Superb quality word processor with features comparable to products costing four times as much. Has table-producing capabilities, comprehensive printer controls, easy on-line facilities, easy document handling, function keys for frequently-used options. Supports a variety of printers. Text width from 40 to 240 columns; right margin justification or alignment. Vertical and horizontal tabs. Underline, bold face, shadow, supersubscript, block move, headings and footings. "Fill-file" option permits easy processing of form letters and mailing lists, the LINK command makes it easy to create very long documents. Requires disk drive.

27138 C64, Disk

**\$39.95**

**EASY MAIL.** Relax and let your C64 manage your address files and mailing lists and simplify your label printing. All the features you need to prepare special mailings by categories such as ZIP codes. Especially useful for small businesses and clubs. Prints address labels one or two across. Features include: easy entry, change or deletion of a name or address by name or key number, complete printout of all data for your records, a HELP function that you can use at any time. Requires disk drive, printer.

27142 C64, Disk

**\$15.95**

**EASY SPELL.** Say goodbye to spelling errors. EASY SPELL checks your spelling and automatically corrects mistakes. Built-in dictionary covers 20,000 words. You can add up to 10,000 more, making this program extremely valuable for specialized fields such as medicine, law and science. Points out possible errors by highlighting words suspected of being misspelled. Counts the words in your manuscript. Requires disk drive.

27142 C64, Disk

**\$15.95**

**MAGIC DESK I.** Graphics and symbols predominate in this user-friendly approach to programming and interacting. The main selection device is a picture of a desk with related office equipment: typewriter, filing cabinet, trash can, clock, etc. The user selects the desired function by moving a pointing finger to the appropriate symbol. Relevant sounds accompany the selected function. A clever and effective introduction to menu selection and computer use. Typing use requires printer.

28411 C64, Cartridge

**\$34.95**

**EASY FINANCE I — LOANS.** You can save money on loan interest rates and repayment schedules by making decisions based on EASY FINANCE I. Calculate up to 12 loan concepts and compare alternatives. Functions include: calculating principal, regular payment, last payment and remaining balance. Analyzes property investment cost; prepares mortgage amortization tables and adjusted rate mortgage payments. Displays financial forecasting on a bar graph. No programming knowledge needed to use this product. Requires disk drive.

27072 C64, Disk

**\$15.95**

**EASY FINANCE II — BASIC INVESTMENTS.** Helps you make the right financial decisions by showing you how to make the most of 16 investment concepts. Calculates such functions as future investment value, initial investment and internal rate of return. Prepares bar graphs for net present value, present value of an annuity and future value of any annuity. Calculates earned interest tables. No programming knowledge necessary. Requires disk drive.

27086 C64, Disk

**\$15.95**

**EASY FINANCE III — ADVANCED INVESTMENTS.** Advanced version of EASY FINANCE II shows how to take advantage of 16 MORE investment concepts. Calculates earnings before interest and taxes, earnings per share, discount commercial paper, financial management rate of return, financial leverage and cost of common stock equity capital. Prepares bar graphs for future investment value, present value of a tax deduction, current value of a Treasury Bill, accrued interest on bonds and net present value for variable lengths of time. No programming knowledge needed. Requires disk drive.

27091 C64, Disk

**\$15.95**

**EASY FINANCE IV — BUSINESS MANAGEMENT.** Helps managers make the right decisions about production, inventory control, compensation and much more. Calculates 21 functions, including lease-purchase analysis, depreciation switch, rate and amount, optimal order and/or production quantity, and linear cost revenue schedules. Calculates salvage value, tax depreciation schedules, inventory re-order point, inventory turnover ratio/average projections and production alternative profit/loss comparisons. Analyzes mutual job and equipment cost/biddings. No programming knowledge needed. Requires disk drive.

27104 C64, Disk

**\$15.95**

**EASY FINANCE V — STATISTICS.** Shows you how to make the most of statistics such as payoff matrix analysis, regression analysis forecasting, apportionment by ratios, Bayesian analysis, moving average forecasting and exponential smoothing forecasting. Calculates average growth rate/projections, expected values and risk adjusting net present value. No programming knowledge needed. Requires disk drive.

27119 C64, Disk

**\$15.95**



**THE HOME ACCOUNTANT.** "The #1 selling home/small business financial management program in the world!" "Of the five (home financial) programs reviewed here, The Home Accountant is the most thorough and powerful," says Softalk.

Get your financial house in order and keep it there with this accounting program. The ideal solution to manage the income and expenses of professionals and small businesses who do not require a full system [with accounts receivable/payable].

**FEATURES:** \*Handles cash, checkbook (up to 5 different ones) and credit card transactions \*Prints a balance sheet, net worth statement and even prints checks \*Flags information needed at tax time and can transfer directly to the Tax Advantage; may be deductible \*Provides graphics for future category—bar or line graphs or trend analysis \*Forecasting ability for future value, financial goals and analysis of financial assumptions \*Maintains up to 200 budget categories. Supports most printers. Requires 1 or 2 disk drives. From Continental Software.

23704 C64, Disk

Sug. Retail \$74.95

\*Consult your tax advisor.

**\$44.95**





**THE TAX ADVANTAGE.** Top-selling tax preparation and tax planning program. "It cut my [tax] preparation time in half," says The [Portland] Oregonian, March 4, 1983. The Tax Advantage can explain each line of the tax forms and instantly calculate the tax due at any point. Save even more time when you automatically transfer a year's worth of data from The Home Accountant. Great for the professional's or small businessman's year round tax planning. May be tax deductible.\*

**What Can The Tax Advantage Do?** \*Prepares Form 1040, 4562 (depreciation) and Schedules A, B, D, E, G, SE and V. \*Provides up to 3 Schedule C's for different businesses. \*Prints out all indicated schedules. \*Handles income averaging. \*Performs "what if" calculations for tax-planning purposes.

Can be used if you prepare your own taxes. Or, even if your return is prepared by an accountant or tax preparer. The Tax Advantage helps to organize tax data in advance. Allows the preparer to concentrate on tax-saving ideas rather than record details. Supports most printers. Requires 1 or 2 disk drives. From Continental Software. Sug. Retail \$69.95

23719 C64, Disk \$42.95  
\*Consult your tax advisor.

## Commodore

**GENERAL LEDGER.** One of Commodore's series of programs to assist small-business, accounting, planning and management. Provides customized Chart of Accounts, convenient entry of cash receipts, disbursements and general journal transactions. Interfaces with other accounting modules for automated posting of G/L transactions. Maintains account balances monthly, quarterly, yearly and by previous quarters and years. Provides departmental reporting. Helps to maximize profit potential by pinpointing profitable and non-profitable areas. Requires disk drive.

27176 C64, Disk \$39.95

**ACCOUNTS RECEIVABLE/BILLING.** Provides accurate automatic billing and recordkeeping; improves cash flow by aiding efficient pricing, billing and management of receivables. Maintains customer master file, including name, address, credit limit, year-to-date activity and current balance. Billing includes credit checking, item descriptions, unit pricing and extensions when interfaced with INVENTORY MANAGEMENT module. Automatically posts billings, ages receivables in 30, 60 and 90-day intervals or as user wishes. Requires disk drive.

27180 C64, Disk \$39.95

**PAYROLL/CHECK WRITING.** Ideal time-saving tool for payroll management by small businesses. Provides 24 different payroll functions for up to 50 employees per disk. Computes and prints payroll checks with full details on tax and other deductions; maintains deduction records in flexible files. Creates a master record of each employee's pay activity and reporting, including W-2s and 941s. GENERAL LEDGER interface, with automated postings. Requires disk drive, printer.

27207 C64, Disk \$39.95

**ACCOUNTS PAYABLE/CHECK WRITING.** Optimizes efficiency in control of payables. Maintains vendor master file, including name, address, telephone number, year-to-date purchases and current balance. Automatically combines invoices by vendor and prints checks with full remittance detail. Ages open invoices by 30, 60, 90-day categories. Interfaces with the GENERAL LEDGER program for automated postings. Requires disk drive, printer.

27195 C64, Disk \$39.95

**INVENTORY MANAGEMENT.** Aids inventory control by generating reports on stock status, shortage, reorder, physical inventory, price catalog, sales analysis and more; and by preparing inventory summaries. Calculates daily use, reorder level and economical order quantities by category. Can handle up to 1,000 separate items and monitor stock receipts, issues, orders and adjustments, with full audit trail. Requires disk drive.

27212 C64, Disk \$39.95

**THE MANAGER.** No programming skill is required to use this complete data base management tool. Interfaces with word processing, accumulates totals on screen and creates subfiles. Sorts from any field. Built-in report generator. Four applications provided, and user can custom-design his own. Uses include accounting, inventory, stock tracking, collections, mailing lists, home management. . . even sports statistics. Requires disk drive.

27161 C64, Disk \$39.95

# PFS: FILE

Powerful, easy-to-use database. . .

**PFS: FILE.** One of the most useful aspects of an effective database is the ability to track down a particular record with even the smallest clue. . . and PFS: FILE from Software Publishing Corp. certainly measures up! Create your own file and store and retrieve information easily. Features a "Design File" option to create a new file or change the design of an existing one, "Add" option to enter your information. . . as many as 1000 forms per disk! "Search/Update" to recall a form—any part of any field can be used to retrieve a form. . . even "wildcard" with double periods, "Remove" deletes selected forms or all forms, and "Print" for flexible printing of information (printing can be saved and used over and over). The manual includes a tutorial that should have you operating the program like a pro in about an hour. Simplify your record-keeping today! Sug. Retail \$49.95

36436 C64, Disk \$39.95

## Broderbund Software

The word processor everyone is talking about!

**BANK STREET WRITER.** "The key to Bank Street Writer's success is its ease of use. Yet for all its simplicity, it is powerful," says TIME magazine. . . "remarkably easy to learn and use," agrees the New York Times. An hour or less should have children or adults up and writing at home or in the executive suite. No complex codes to memorize — the screen guides you through every step. Here are some of its many features: \*Automatic word wrap — no need to press the return key \*Add, move, insert or erase blocks of text \*Universal search and replace anywhere in the manuscript \*Automatic centering and indenting for professional look \*Easy storage and retrieval, complete with password protection \*Document "chaining" for unlimited length. Developed and tested by Bank Street College of Education. Complete with special tutorial on back of disk that teaches the basics of word processing in practically no time. Reference manual and free back-up disk also included. From Broderbund. Sug. Retail \$49.95

24198 C64, Disk \$39.95

## PaperClip BATTERIES INCLUDED

**PAPERCLIP.** Professional Word Processor. . . See what the experts say: — "This is a real winner," according to Commander — "Absolutely the most versatile word processor I have seen," states Midnight Software Gazette — "PaperClip performs all the functions of any WordPro package. . . plus all the things that I ever WISHED WordPro would do," says the Torpet.

Write letters, documents or even a novell PaperClip allows you to create and edit text easily. Spaces can be left in frequently used forms or form letters and filled in automatically when needed. Full justification of form letters makes them look personally typed.

**ADVANCED FEATURES INCLUDE:** \*Horizontal Scrolling for both 40 and 80-column displays allows up to 126-character width reports \*Column Manipulation allows powerful moving, inserting or sorting of anything in columns. Add or subtract columns of numbers \*Alphanumeric Sorting with up to 16 levels of subsort, in either ascending or descending order \*Search and Replace five text strings simultaneously with both local and global modes \*Preview feature shows the sample output that the printer would use: inserting paging, line-spacing, margins, headers and footers, centering and highlighting any underlining or enhanced text.

**PaperClip Does More!** Allows phrases or sentences to be moved or copied elsewhere. Instant splitting and reformatting of lengthy paragraphs. One keystroke can put the cursor at the end of text. Text searching has a "wild card" mode. Table of Contents mode lets you flag text items to be used in the Table of Contents automatically. From Batteries Included. Disk drive required. Sug. Retail \$89.95

23601 C64, Disk \$69.95

**THE CONSULTANT.** A data base management system to generate all your business reports. Features: —Full arithmetic functions (+, -, x, =) with 16-digit precision; automatic decimal point placement and justification —Sequential file (ASCII or CBM) output supported. —Adhoc sorting on any field with 10 levels of subsort. —Unequal (≠) or multiple field search. —Wild card (?) in non-keyed fields. —Extremely fast entry/update with 100% machine language. —Automatic page numbering headers.

Print is expanded or compressed to fill lines for professional look. Specify any line length in report. Report formats may be saved, up to 99 files. Also prints labels, up to 200 characters wide. From Batteries Included.

23616 C64, Disk \$99.95

## SOFTWARE DESIGN, INC.

**64-ACCOUNTING.** This versatile and easy-to-use accounting system is designed for home and small business use. From balancing your personal checkbook to providing you with year end figures for taxes, it's the only accounting software you need! 64-Accounting offers a complete line of options including financial statements featuring balance sheets, income statements and profit and loss statements; checkbook reconciliation to maintain and balance up to 10 separate checkbooks and reconcile with a printout of check amounts, receipts, bank charges and adjustments; and check and statement writing for personal and business information. Includes easy-to-read manual.

36830 C64, Disk \$69.95

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



# MIRAGE CONCEPTS INCORPORATED

Team up these programs for  
extra power!

## WORD PROCESSOR — PROFESSIONAL

You won't believe the features you get in this word processor from Mirage for only \$39.95!! Lets you put your ideas on paper faster and more professionally than you ever have before. Standard features include 80 column display (without additional hardware), 30,000 word spelling checker, true word wrap, and a merge option with Mirage Database Manager! Comprehensive on-screen editing allows full cursor control, delete, insert, and line formatting. Search and replace feature makes mistakes easy to find and correct. Page control allows you to choose page length, automatic page numbering for truly professional looking documents. Whether you're a beginner or an expert you'll appreciate the VALUE of this word processor.

24923 C64, Disk

Sug. Retail \$49.95

\$39.95

**DATABASE MANAGER WITH REPORT GENERATOR.** This comprehensive electronic filing system makes it easy to track all kinds of information. Allows free form design and input with sorting on any field and any level. Also allows calculated fields and will file subtotals and totals. Even merges with Mirage Word Processor! Editing functions include full use of cursor and function keys, review and editing of records, forward and backward, and a global search and replace. Maximum record structure allows 2,000 characters per record, 200 records per field. Many more exciting functions make paperwork a breeze! **C-128 compatible!**

24919 C64, Disk

Sug. Retail \$49.95

\$39.95

# PRACTIC 20



# PRACTICORP™

PractiCalc is an electronic spreadsheet that can manipulate data for home, school or business reports and records. Data is entered in rows and columns and works with both alpha and numeric entries. Various mathematical functions can be combined in formulas for ease of calculation. Computer Magazine's April 1983 issue states, "Overall, I was very impressed with PractiCalc. It would be very useful to a small business or for keeping home records. . . it certainly is a bargain." From Commander, July 1983: "PractiCalc is easily the most powerful and versatile program I use. . . I expected a MiniCalc, but got a MaxiCalc."

**PractiCalc is available in 3 versions, all 3 versions have the following features:** •Perform basic math functions (+, -, x, ÷, exp, log, sin, tan, integer, etc.) •Perform high level math functions (count, sum, average, square root, etc.) •Move a column or row •Insert, delete or move entries numerically or alphabetically •Replicate any formula by numeric or alphanumeric data •Save, load or print any spreadsheet •Step-by-step instruction manual included.

**PRACTICALC 20.** The original version for VIC-20. Has over 20 math functions. Column width from 3-21 characters. Requires minimum of 16K expansion for 600 cells; 24K expansion gives 2000 cells.

23620 V20, Cassette

WAS \$39.95

23635 V20, Disk

\$9.95

\$9.95

**PRACTICALC 64.** For Commodore 64 computers. This version allows numbers to be displayed in bar graphs! SEARCH the entire sheet for a specific letter, word or number. SORT numerically or alphabetically. Column width from 3-38 characters with one special column set to a wider width for titles, etc. Titles can be right justified for more legible printout.

23649 C64, Cassette

Sug. Retail \$29.95

23654 C64, Disk

\$24.95

\$24.95

**PRACTICALC PLUS.** Gives the VIC-20 the ability to represent numbers in bar graphs. Has SEARCH and SORT functions. Column width from 3-21 characters with one special column set to a different width, if desired. Requires 16K expansion; 24K optional.

23668 V20, Cassette

WAS \$39.95

23673 V20, Disk

\$9.95

\$9.95

**PRACTIFILE.** A sophisticated, yet easy-to-use data base program. Holds up to 3800 records per file, with simple, prompted data entry and many extra features that allow you to perform math calculations within files; generate labels; write reports.

36947 C64, Disk

Sug. Retail \$29.95

\$24.95

## Bookkeeping system for the C64. . .

## Hot Accounts

Rated "A" by RUN Magazine

"Superb! An exceptional program that outshines all others."

RUN Magazine, Nov. 1984

Teaches bookkeeping as it automatically performs dozens of full-service accounting functions! Instantly organize your records, receipts, statements and budget information. Now your records can be accurate, up-to-date and confidential. From Computer Ed Software.

36844 C64, Disk

Sug. Retail \$64.95

\$59.95

## BEST SELLING TITLES AT GREAT PRICES! TIMEWORKS

**SYLVIA PORTER'S FINANCIAL PLANNER.** This program takes into account your career, marital status, children, savings, life insurance, investments, lifestyle, retirement, and estate, and helps you develop financial plans that are right for you. It even lets you plan ahead for protection against major medical expenses or prolonged disability. The accounting section provides electronic statement preparation, inventory tracking and tax aids. It would be hard to find a more complete, helpful program for your personal finances. From Timeworks.

36859 C64, Disk

Sug. Retail \$59.95

\$49.95

**THE ELECTRONIC CHECKBOOK.** Organize and record checkbook transactions on your C64! Information recorded includes check or deposit number, description or comment, date, classification code, and amount. Checkbook balance is automatically computed. Exclusive X-SEARCH feature allows you to easily cross-search by date, description or classification. A real help at tax preparation time! From Timeworks.

25043 C64, Disk

Sug. Retail \$24.95

\$19.95

25039 C64, Cassette

\$19.95

## Home and Business Budget and Cash Flow System.

**THE MONEY MANAGER.** Sixteen budget and actual categories can be entered on a monthly basis for a 12-month period. Full analysis is provided, including budget and actual comparisons and detail by individual items. Bar charts provide graphic representation of budget and actual amounts for each period. Information is easily stored for later updating, revision or reference. Can be interfaced with The Electronic Checkbook for greater flexibility. From Timeworks.

25024 C64, Disk

Sug. Retail \$24.95

\$19.95

25010 C64, Cassette

\$19.95

**BUSINESS SYSTEMS.** This series of six easy-to-use management information reports is flexibility designed to accommodate all small and medium-size business requirements. The programs are wide in scope with powerful capabilities and utilize all the power of your C64. Each package can be used by itself or can be interfaced, one at a time, with other programs in the series to make a fully integrated accounting system. Also includes password protection to prevent unauthorized access to confidential data.

36863 Inventory Management, C64 Disk

Sug. Retail \$59.95

\$49.95

37340 Sales Analysis Management, C64 Disk

\$49.95

37380 Accounts Receivable Management & Invoicing, C64 Disk

\$49.95

37393 Accounts Payable Management & Checkwriting, C64 Disk

\$49.95

37405 Payroll Management, C64 Disk

\$49.95

37410 General Ledger, C64 Disk

\$49.95

## IMPORTANT!

This may be your last free catalog! If you are not planning to order from us soon, be sure you're on our mailing list for future catalogs and sale fliers. **Check your address label.** If you see any of the following three digit codes above your name, C2A, C2B, C2C, C2D, C2E, relax, you are on our permanent mailing list. If you see a different three digit code, please cut out your complete address label, check it for accuracy, and mail it to us. We will make sure you are put on our permanent mailing list.

Mail to:

TENEX P.O. Box 6578, South Bend, IN. 46660

**WRONG CATALOG?** Tenex publishes catalogs for owners of T199/4A, Commodore and other microcomputers. If you are receiving the wrong catalog, please contact our Customer Service Department so your name can be changed to the correct list!



## Business Strategy Software from InfoDesigns™



"...the packages are extremely easy to use, yet yield some amazing results."

Personal Computing, April 1984.

### Achieve more sales. . .

**THE SALES EDGE.** Treat yourself to custom-tailored strategy reports on how to deal with individual customers! Get results quickly and simply. First the sales executive answers some questions about himself and his customer. Then the computer generates a sales strategy report with detailed suggestions on how the sales executive can conduct himself and present his product for the best customer response. An invaluable tool!  
36878 C64, Disk Sug. Retail \$79.95  
**\$64.95**

### Win more negotiations. . .

**THE NEGOTIATION EDGE.** Designed to help you prepare, work through and successfully complete any negotiating or bargaining, the program gives you a step-by-step blueprint for winning in a variety of situations. Enter some information about yourself, your counterpart, and the circumstances under which you will meet. Based on this information, the computer develops an overall game-plan for conducting the talks.  
36882 C64, Disk Sug. Retail \$79.95  
**\$64.95**

### Get more results from employees. . .

**THE MANAGEMENT EDGE.** If your management style needs fine-tuning, turn to The Management Edge. After agreeing or disagreeing with a series of statements about yourself, your employee, and the situation, the computer draws on a bank of proven management tactics and prints a detailed strategy report on how to work most effectively with that employee — even pointing out potential strengths and weaknesses and making recommendations for improvement!  
36897 C64, Disk Sug. Retail \$79.95  
**\$64.95**

### Be a more effective communicator. . .

**THE COMMUNICATION EDGE.** Learn to deal more effectively with meetings and conversations. Assess both your communication style and the style of your counterpart. The computer will suggest specific ways that you can improve and enhance your communication skills.  
36909 C64, Disk Sug. Retail \$79.95  
**\$64.95**

**SWIFTCALC WITH SIDEWAYS.** The new, user friendly spreadsheet from Timeworks is a top caliber planning tool for the C64. Features include full math functions, keyboard overlays, plus SIDEWAYS to let you print out all your columns on one continuous sheet. . . sideways! Interfaces with Data Manager 2 and Word Writer.  
Sug. Retail \$49.95

37655 C64, Disk **\$39.95**

**WORD WRITER WITH SPELL CHECKER.** A great word processor that is surprisingly easy to use. Includes 40,000 word spell checker, keyboard overlays, and easy to understand manual. Interfaces with Swiftcalc and Data Manager 2, so you can do form letters, mailing lists as well as incorporate spreadsheet data in your documents.  
Sug. Retail \$49.95

37669 C64, Disk **\$39.95**

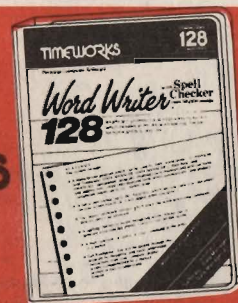
**DATA MANAGER 2.** A complete information storage and retrieval system for the C64. Includes X-Search, X-Sort, and X-Chart features. Use with Word Writer for label printing, form letters, and report generation.  
Sug. Retail \$49.95

37674 C64, Disk **\$39.95**

**SWIFTAX.** Computerize your tax return! Completes FORMS 1040 (long, short, and EZ) plus schedules A, B, C, D, G, and W.  
Sug. Retail \$49.95

37688 C64, Disk **\$39.95**

## TIMEWORKS



## OUR FIRST EXCLUSIVELY C-128 SOFTWARE! AWESOME POWER. BLINDING SPEED.

Timeworks knows you can run your C64 software on your C128. But they also know that business oriented users want to tap the full power of the C128. All three titles offer these standard features:

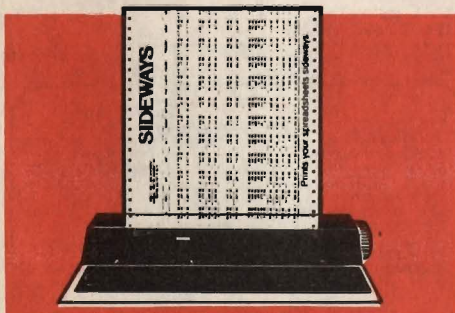
—80 column display (RGB monitor required) —Auto-boot from 1541 or 1571 drive —Pull down menus —Help key —All applications compatible + integrated.

"If these programs are any indication of the quality of software that will be coming out for the C128, computerists have a lot to look forward to." —RUN Magazine.

**WORD WRITER 128.** A word processor for the C128 that competes in features and performance with word processors written for the IBM and other PC's costing thousands of dollars! Pull down menus let you access WORD WRITER 128's powerful functions easily and quickly. Includes on-screen calculator. Text formatter lets you move around big blocks of text. Spelling checker lets you add your own sub-dictionary of names and special words. Find out why RUN Magazine called WORD WRITER 128, "An absolute joy!" — order today!  
Sug. Retail \$69.95  
37693 C128, Disk **\$59.95**

**SWIFTCALC 128.** Converted from the IBM, this powerful spreadsheet offers "everything you could possibly need" according to RUN magazine. Pull down menus and pop-up windows keep things easy. 250 row x 250 column matrix. "Intelligent" entry mode saves keystrokes by determining whether you are entering numbers or text. In addition to the on-screen graphing, Swiftcalc 128 lets you print your spreadsheet sideways (rotated 90°) so you can have as many columns as you want without having to cut and paste segments together.  
Sug. Retail \$69.95  
37705 C128, Disk **\$59.95**

**DATA MANAGER 128.** This new database is "form oriented": the records you create look much like a form you might see on paper. Up to 64 screens per record, and up to five sort keys. Print options include mailing label, record dump, and custom report formats. Add or delete fields in existing databases using Transfer option. "Both powerful and easy to use." —RUN Magazine.  
Sug. Retail \$69.95  
37710 C128, Disk **\$59.95**



Prints your spreadsheet sideways.

**TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.**



# utilities & programming languages



## PRINT SHOP — #1 BESTSELLER

**PRINT SHOP.** Do your own printing! Make greeting cards, stationery, banners, signs and posters, advertising flyers — you are limited only by your imagination. Completely menu driven for ease of use, the PRINT SHOP includes eight type styles in a wide range of sizes, dozens of pictures and symbols (like "clip art"), border designs, abstract patterns, and more! You can even design your own graphics with the built-in graphic editor. Combine the various elements to create your own unique design. Great for home or office! Package includes free samples of colorful paper and envelopes.

**34658 PRINT SHOP C64, Disk**

Sug. Retail \$44.95  
**\$29.95**

**PRINT SHOP GRAPHICS LIBRARY — DISK 1.** 120 new ready to use graphic designs for the Print Shop! Topics include holidays, the Zodiac, sports, school, animals, and more.

**36174 C64, Disk**

Sug. Retail \$24.95  
**\$19.95**

**AstroBright Paper.** The perfect companion for Print Shop. . . continuous sheet color paper to liven up your Print Shop creations! See the Inside Back Cover for details.



COMMODORE 64  
COLOR SKETCH PAD

By Mark  
R. Rubin

*"A very good buy and an exceptional program to work with."*  
*"Breathtaking. . . one of the bargains of the year."* —**RUN**  
—**Software Shopper**

**DOODLE.** Fast, easy and fun! Whether you are a part-time doodler or an accomplished artist, you can create incredible images on your C64 or C128. Doodle! turns your computer into a tool for unlimited design and artistic creativity! Regardless of your age or artistic skill, create anything you can imagine. . . from sketches to houseplans, to fine art, to business forms or letterheads that you can run off on your printer! Precise trackball or joystick operation, high-resolution graphics, program flexibility, and super ease of use add up to the friendliest, most versatile graphics program ever created for the Commodore 64.

Special functions include duplicate, rotate, squeeze, reduce, enlarge, stretch and reposition. "Letter" commands let you put keyboard text and graphics characters on the screen in any size and direction. And, to show off your artwork, Doodle printer copies at the touch of a key — works with most popular printers including the Okimate 10 color printer.

**36155 Doodle, C64, Disk**

Sug. Retail \$39.95  
**\$26.95**

Three disk copy programs on one disk! . . . At one low price!

## FASTHACK'EM

**\$29.95**

• Copy disks on your **MSD Dual Drive**. Provides automatic back-up of nearly all protected disks in only 68 seconds! Includes special Auto-Back-up.\*

• Copy disks on your **Single 1541 Drive**. Fastest single drive back-up ever made — less than 2 minutes! Backs up all standard disks in only 3 passes! Nibbles protected disk in less than 3 minutes!

• Copy disks on **Two 1541 Drives**. Automatically backs up a standard disk in only 35 seconds! Nibbles protected disk in less than 60 seconds! Includes special Auto-Back-up.\*

\* **Auto-Back-up.** After booting up with this option, the computer is no longer necessary and may be disconnected. The drives automatically detect the disk being inserted and removed. An absolute must for multiple back-ups! From Basement Boys Software.

**37739 C64, Disk**

**\$29.95**

## ACCESS

### SPEED DEMON PLUS!

**MACH 5.** This cartridge from Access is a powerful collection of programs that enhance the capabilities of your C-64 with a 1541 disk drive. 95% of all programs will load up to 500% faster. Mach 5 adds new "single keystroke" commands that make using your 1541 easier and quicker. The cartridge also frees up an additional 4K of space for your BASIC programs.

Sounds like a lot of capability in a single cartridge? There's even more! Mach 5 Disk Organizer will create a data disk containing directory information from your entire library of disks. You can then sort and print your disk and file info in a convenient format. You can even search for a specific file name (or part of a name). A great way to keep your ever-growing disk library under control.

Sug. Retail \$34.95

**35838 C64 Disk**

**\$27.95**

**SPRITEMASTER.** This is not just another sprite editor. It's the finest utility available for multicolor sprite animation and game programming. It will have you making full color animated objects in just minutes! People running, birds flying or tanks rolling are a snap. It will automatically send sprites to other programs. Includes full 21-page manual and samples of animated sprites to get you started. From Access Software.

Sug. Retail \$34.95

**13789 C64, Cassette**

**\$19.95**

**13794 C64, Disk**

**\$19.95**

**MUSE**  
SOFTWARE



*The Commodore 64 just  
became easier to use*

**SMART START.** Now it's easier to write, save, load, and run C-64 programs — using Smart Start's pull down menus, just move the cursor and push a button. Even novice users can design and save intricate, sprite music and sound effects right away, since Smart Start generates the appropriate BASIC code automatically and saves the user from the drudgery of calculating and entering countless data lines. Press a single key to LOAD, RUN, SAVE, or CATALOG. SMART START even features a built-in digital clock and alarm routine with on-screen display!

SMART START is ideal both for beginners and individuals who would like to use their computer more but are intimidated by the C-64 command structure.

Sug. Retail \$39.95

**36136 C-64, Disk**

**\$34.95**

## COMMODORE 128 SOFTWARE

All the software for the Commodore 64 listed in this catalog will run on the C-128 in its C-64 mode. Even if the program description doesn't mention the C-128, it will run. Many firms are developing new software that will take advantage of the C-128's advanced features and bigger memory. These are designated as "C-128" software, and will run only on the C-128. At presstime, only a few were available (see page 17) — contact our Customer Service department for the latest list of C-128 software and CP/M software for the C-128.



## I AM THE C-64

from **ACTIVISION**  
HOME COMPUTER SOFTWARE

**I AM THE C-64.** Learn how to get the most out of your Commodore 64 from the inside out, with this two-part tutorial program that quickly and easily makes you the master of your computer's power. A colorful, self-paced series of demonstrations helps Commodore owners learn by doing — everything from basic programming to graphics and sound. From Activision. **Introductory Series:** Vol. 1: Overall introduction to the C-64. Vol. 2: Introduction to the Keyboard. Vol. 3: Introduction to the BASIC programming language. **Advanced Series:** Vol. 4: Advanced BASIC programming techniques. Vol. 5: Sprite graphics. Vol. 6: Music and sound effects. Sug. Retail \$29.95  
**24112 C64, Disk \$24.95**

## commodore

**ASSEMBLER 64.** Everything the experienced assembly language programmer needs to create, assemble, load and execute 6500 Series assembly language on the Commodore 64. Package includes a powerful macro-assembler, editor, loaders, two machine language monitors and various support routines. The manual details how to create and edit an assembly language source file, load and support program or wedge, maintain the disk, load and run programs, and assemble, test and de-bug programs. Requires disk drive.

Sug. Retail \$49.95  
**26716 C64, Disk \$39.95**

**SUPER EXPANDER 64.** Highly useful extension of the BASIC programming language for the C64 provides 21 new commands that allow easy access to advanced sound and graphics features. Now it's simple to create colorful, high-resolution displays, sprite animation, music and game sounds. Commands include "Paint", "Draw", "Circle", "Color" and more. One of the most versatile cartridges you can buy for the C64 computer.

Sug. Retail \$49.95  
**26735 C64, Cartridge \$39.95**

**PDI**

Program Design, Inc.

SAVE  
60%

**STEP BY STEP.** A programming course for beginners that has become a standard of the industry. Step By Step works by showing screen displays or sample programs. After each instructional segment you solve a problem and the computer checks your work. The companion workbook helps to review and practice the material. Quizzes and periodic exams further check your progress and understanding. There are about 20 hours of instruction. Topics include: Writing simple programs, PRINT statement, various commands, relational operators, nested loops, graphics-animation, and the full array of C-64 capabilities. Great for individualized instruction in schools, to help all family members use the computer at home, or for businesses to train their personnel. From Program Design. Sug. Retail \$69.95  
**20726 C64, Cassette \$19.95**  
**20712 C64, Disk \$19.95**

**TENEX**  
**Computer**  
**Express**

T.M.



**EPYX**  
COMPUTER SOFTWARE

SALE!  
24.95

## THE BEST SELLING UTILITY EVER!

**FAST LOAD.** Do you sit waiting while your 1541 disk drive takes nearly forever to load your favorite software? Now you can load, save, and copy disks **up to 5 times faster than normal.** This incredible cartridge does even more. With it you can load the first program with a single keystroke; call up a directory without losing the program currently in memory; copy a single file or the whole disk; display and print disk sections, plus much more. How good is this program? Well, we look at a lot of software here at Tenex Computer Express, and we wouldn't be without it — we keep it permanently installed in our computer. We have found the time saved in loading programs to be fantastic (the time saved on each program varies, of course), and the disk utilities to be both easy and useful. It's compatibility has been phenomenal, too — virtually all software is compatible, even copy protected titles. We don't think there is a Commodore 64 or 128 in the world that couldn't benefit from Fast Load. Even if you don't do your own programming, the time saved in loading commercial software is enough to justify the modest price. And at our low discount price, Fast Load is a "must buy!" From Epyx. Sug. Retail \$39.95

**34216 C64, Cartridge**

Reg. Low Price \$29.95

Now Only **\$24.95**



**SYSTEMS MANAGEMENT  
ASSOCIATES**

## PROMAL: BIG COMPUTER PERFORMANCE

—Incredibly fast—Powerful—Easy

Promal is a new programming language that is designed from the ground up to yield outstanding performance on small computers. Unlike other languages developed for mini or mainframe computers and then "compressed" for micros, PROMAL was developed **specifically** for limited memory environments.

The attached table compares the actual performance on a standard computing test to that of four other common languages. The PROMAL program was not only the **fastest** of all (**20 times faster** than BASIC), it was the **smallest**. This means that you, the programmers, can write faster, smaller, and more powerful programs! But wait — is PROMAL hard to learn and use? NO! PROMAL is considered easier than Pascal, C, or FORTH. It includes powerful structured statements like IF-ELSE, WHILE, REPEAT, FOR, and CHOOSE. Indented statements keep programs neat and logical and eliminate the need for line numbering. Use comments to document your programs — they take up no memory space. A full screen editor makes program development fast and easy. From Systems Management Associates.

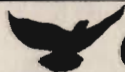
Sug. Retail \$49.95

**\$44.95**

**36065 C64, Disk**

If you are a programmer who wants to go beyond your current language of choice to a world of easy program development and high performance execution, you owe it to yourself to try PROMAL. It's great for graphics, games, text-processing, music, and business applications. Package includes three ring binder with complete documentation.

Commodore 64 Benchmark (Sieve of Eratosthenes)	PROMAL	BASIC	COMAL	FORTH	PASCAL
Execution Time (secs.)	30	630	490	51	55
Object Code Size (bytes)	128	255	329	181	415
Program Load Time (secs.)	3.2	3.8	6.3	11.2	23.5
Compile Time (secs.)	8.5	—	—	3.9	108



**CSM SOFTWARE, INC.**

## SOLVE DISK DRIVE ALIGNMENT PROBLEMS YOURSELF!

Why pay a fortune to have your 1541 drive aligned? Why wait days or weeks with your system down? Now you can do it yourself in about an hour, even if you have never seen the inside of a disk drive before. No special tools or equipment are required.

Here's what Computel's Gazette said:

"...with 1541 Disk Drive Alignment from CSM Software, you can fix it (the disk drive) yourself in an hour or so and the program will pay for itself the first time you use it. . . No technical expertise is required to accomplish the alignment procedures, and the manual accompanying the program thoroughly describes the procedures."

"1541 Disk Drive Alignment. . . a wise addition to your home disk library."

CSM Software, the developers of this package, are well known experts in the area of disk protection. Their extensive experience with the 1541 drive has allowed them to create this program and to make the manual complete and easy to understand.

Start saving time and money now! Over the lifetime of your system, this valuable program will pay back its modest cost many times over!

**35823 C64, Disk**

Sug. Retail \$44.95

**\$39.95**

**TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.**

**ORDER STATUS HOTLINE 1-219-259-7053.**



# "SUPERFORTH 64" +AI

## ENTER THE FIFTH GENERATION add ARTIFICIAL INTELLIGENCE TO YOUR PROGRAMS

**SUPERFORTH 64 + AI.** Learn how to create intelligent programs, build expert systems, construct rule bases, and perform other artificial intelligence tasks that previously required a much larger and more expensive computer than C-64 or C-128.

**SUPERFORTH 64 + AI** combines a powerful implementation of FORTH (meets MVP Forth-79 Industrial standards) with a special set of Artificial Intelligence capabilities that give the programmers an ideal set of program development tools. Whether you are programming home, education, entertainment, business, or technical applications, the high speed execution, the graphics and sound word, the I/O options, and unique utilities will make your programs faster and better and your development time shorter. And imagine being able to build intelligence into your software with the AI routines built into Superforth 64!

Well documented package includes 350 page manual with tutorials. Experts predict that in the future all computer programs will contain some AI features — here's your chance to get in on the ground floor of this exciting area!

36121 Super Forth 64 + AI

Sug. Retail \$99.00  
**\$89.95**



**cardco, Inc.**

# S'MORE FOR YOUR 64

## SUPERCARGE YOUR 64!

—MORE MEMORY—MORE COMMANDS—MORE PROGRAMMING HELP

**S'MORE.** Cardco, the leading maker of C-64 compatible peripherals, has done it again! For owners who want more out of their C-64, Cardco brings the S'MORE, (for Super Memory Optimized RAM/ROM Expansion.) This powerful new cartridge delivers these benefits:

- More than 61,000 bytes of C-64 memory free for BASIC programming (That's 57% more than the 38,911 you normally have!)
  - Over 60 new and enhanced BASIC commands and functions — very similar to BASIC 7.0 in the C-128!
  - No PEEKS or POKES (direct access to normally peeked or poked items.)
  - Full error trapping and automatic error help
  - Full up/down scrolling through program listings
  - Structured programming, relative files, and much more!
- Now you can write bigger programs and better programs with less work! Beginning programmers will benefit from the extra commands and elimination of many confusing PEEKS + POKES. More experienced programmers will find they can accomplish more in less time and with less code, and can make much better use of the machine's memory.

Sug. Retail \$69.95

36117 S'MORE - C64 Cartridge

**\$49.95**

# handic software ab

**FORTH 64.** Handic, Europe's largest producer of Commodore compatible software, brings the powerful and versatile FORTH programming language to the C-64. FORTH 64 is a standard FIG-FORTH with many extensions, including double precision arithmetic and file handling words. Special words allow dictionaries to be read from and written to cassette or disk. Forth 64 contains nearly 400 words, and can be expanded as needed by the programmer.

Sug. Retail \$39.95

29165 Forth 64, C64 Cartridge

**\$34.95**

**MON 64.** An advanced programming tool for machine language programmers. MON 64 is cartridge-based - no waiting for cassette or disk loading between runs and debugging attempts. Works with all 64K of C-64 memory. MON 64 has built-in help screens and a reset function. Functions include Assemble, Disassemble, Hunt, Load, Save, Relocate, Display Memory, Quicktracer, Modify Registers, and many more.

Sug. Retail \$59.95

29216 MON 64, C64 Cartridge

**\$49.95**

20

**TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.**

## PROFESSIONAL QUALITY CHARTS WITHOUT PROGRAMMING

**CHARTPAK 64.** Now you can create your own professional quality charts and graphs for business or school without time-consuming programming. You can quickly enter, edit, save, and recall your data, and then interactively build your chart. Choose from pie, bar, line or scatter charts. You specify scaling, labeling and positioning. Chartpak will instantly draw the graph in any of 8 different formats. Change your format immediately, and draw a different chart. Chartpak 64 includes statistical routines for average, standard deviation, least squares and forecasting. Display your graphs on the screen, or print to most printers, including Commodore 1525/MP5-801/1526, Epson, Star Micronics, Okidata (including Okimate 10 in color), and C.Itoh. From Abacus Sug. Retail \$39.95  
35631 Chartpak 64, Disk **\$34.95**

**CHARTPLOT-64.** This program does everything Chartpak-64 does, plus lets you use data from spreadsheets, such as Multiplan, Calc Result, and Busicalc. Special output capability lets you record your charts on many common plotters, including Amdek, H-P, Sweet-P, Roland DG, strobe, Houston Instruments, plus the same printers as Chartpak-64. From Abacus Sug. Retail \$84.95  
35650 Chartplot-64, Disk **\$69.95**

## Integrated Spreadsheet and Graphics

**POWER PLAN-64** is the 1-2 for the '64. It's not only one of the most powerful and flexible spreadsheet packages available, but it gives you built-in graphics so you can display your valuable data in graphs as well as numbers. POWER PLAN-64's menus make it easy to use. All of POWER PLAN-64's selections are clearly displayed on the screen for you to choose from. In addition, HELP screens are available at the touch of a key. Complete tutorial gently introduces you to spreadsheets. Includes 200 page handbook. From Abacus. Sug. Retail \$49.95

35700 Power Plan 64, Disk

**\$39.95**

## First Class Music- Supersaving Pricel

**SYNTHY-64** is simply the best music synthesizer available for the '64. As reviewed in the major magazines, it's among the most sophisticated software packages for music synthesis. SYNTHY-64 gives you complete control of the musical synthesizer using very easy commands. You can perform sweeps such as when a guitar player slides his fingers from fret to fret, can set up any voice to sound like a piano, accordion, drum. Packed with each SYNTHY-64 diskette are three music albums - Classical, American and Christmas containing about 2 hours of fantastic music.

From Abacus.

Sug. Retail \$24.95

35734 Synthy-64 Cassette

**\$19.95**

Sug. Retail \$27.95

35748 Synthy-64 Disk

**\$22.95**

## "Best Buy" Database

"Everything about Datamat 64 . . . makes it the perfect database for most home applications."

-RUN Magazine

RUN Magazine called Datamat 64 a "Best Buy" because of its ease of use, large file capacity, free support line and many features.

**DATAMAT-64** is flexible—you design your data base in free form using the full screen editor. To handle your complex data needs, you can define up to 50 fields per record and up to 2000 records per diskette (space dependent). If you have varying report requirements, you'll appreciate DATAMAT's complete reporting capabilities. You can sort on multiple fields in any desired combination, and then select records for printing in your specific format. DATAMAT-64's menu screens easily take you from function to function. You can go from data entry, to data correction, to sorting and reporting just by following the menus. Use DATAMAT for mailing list, home inventory record and tape libraries, collections and any other type of data organization job. From Abacus. Sug. Retail \$39.95  
35664 Datamat 64, Disk **\$34.95**



YOU CAN COUNT ON

# Abacus Software



## Military Use and Beyond!

ADA has been designated as the official language of the U.S. Department of Defense for program development and this program will help you learn this important language. ADA TRAINING COURSE supports a comprehensive subset for this high level language and features modular program construction, error checking at compile and run time, easy operation with program library, simple linking to machine language programs. The package includes an editor, a syntax checker/compiler, assembler disassembler and training manual.

Sug. Retail \$59.95

35589 C64, Disk

\$49.95

## Compiled BASIC for High Speed

Have you ever wished your BASIC programs would run faster? A lot faster? Well, here's the solution! **BASIC-64** is a complete compiler for speeding up your BASIC programs. This is no ordinary compiler. It includes a free run-time module so you can develop programs for commercial sale with no royalty payments. **BASIC-64** gives complete flexibility in memory management allowing you to have total control of your compiled programs. **BASIC-64** allows you to compile programs in speedcode (pseudo-code), machine language, or a mixture of both. You can compile a series of programs using the overlay feature and use BASIC extensions, such as Simon's BASIC, VICTREE, BASIC 4.0 and others. You can also use integers to optimize FOR NEXT loops, send commands to the disk drive, change compiling parameters and much, much more.

Sug. Retail \$39.95

35607 BASIC-64, C64, Disk

\$34.95

## Machine Language Help!

The **ASSEMBLER/MONITOR 64** package is for developing machine language programs for your Commodore 64. This low-cost package has high-priced features. The assembler has fast macro assembler capabilities, supports conditional assembly, full screen editing of source programs, assembles to memory disk or tape, symbol table listing, source file chaining capabilities. The monitor has functions including: hunt, disassemble code, transfer blocks of data, compare blocks of data, access to other memory banks, single step execution, quick trace with breakpoints, and can coexist with the assembler. Both **ASSEMBLER** and **MONITOR** are written in machine language for speed and efficiency.

Sug. Retail \$39.95

35594 C64, Disk

\$34.95

## 100 New Commands No Royalties

**MASTER-64** is a comprehensive application development package with powerful commands for screen management, superior indexed file management, multiprecision math, machine language monitor and more. **MASTER** adds 100 commands to BASIC. Programs that you develop using **MASTER** can be distributed without paying royalties. Some of the features are excellent screen management, ISAM File System, Printer Generation, Basic Extensions, Programmers aid, BASIC 4.0 Commands and Machine Language Monitor.

Sug. Retail \$39.95

35683 C64, Disk

\$34.95

"An exceptionally fine package. . .there is probably no more flexible or potent way of creating sound and graphics on the 64."

-Computer's Gazette

### IMPORTANT!

This may be your last free catalog! If you are not planning to order from us soon, be sure you're on our mailing list for future catalogs and sale fliers. Check your address label. If you see any of the following three digit codes above your name: C2A, C2B, C2C, C2D, C2E, relax, you are on our permanent mailing list. If you see a different three digit code, please cut out your complete address label, check it for accuracy, and mail it to us. We will make sure you are put on our permanent mailing list.

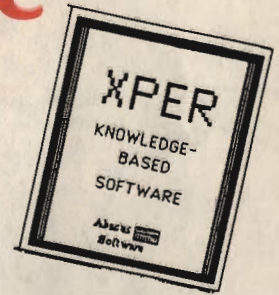
Mail to:

TENEX P.O. Box 6578, South Bend, IN. 46660

**WRONG CATALOG?** Tenex publishes catalogs for owners of T199/4A, Commodore and other microcomputers. If you are receiving the wrong catalog, please contact our Customer Service Department so your name can be changed to the correct list!



## COMPUTER LANGUAGES from ABACUS



Let your C-64 or C-128 be the bridge to much larger systems! Whether you are interested in learning a new language or in creating original high-performance software, these professional language packages will meet your needs. Not only are they extensively documented, but they come with free access to Abacus technical support lines!

## C - The Language of Lotus 1-2-3

Although C is not a new language, it wasn't a major factor in microcomputers until blockbuster programs written in C, like Lotus 1-2-3, demonstrated its power, versatility, and speed. The C compiler from Abacus includes editor, compiler, linker and handbook. The very powerful Editor lets you create source programs containing 80 character lines and features horizontal scrolling. Your source program can be up to 41K in length and fast compiling to 6502 machine code for enhanced execution speed. The Linker lets you combine up to seven modules for later execution. The runtime library may be called from machine language or included as a BASIC lookalike program. Start writing your bestseller today!

Sug. Retail \$79.95

36421 C Compiler C64, Disk

\$69.95

## Structured Programming!

**PASCAL 64** is an invaluable package for studying structured programming and for development of efficient software. It is recommended for users who want to extend the capabilities of the 64 without studying machine language, or for those interested in extending their own computer skills."

- Commodore Microcomputers

**PASCAL 64** is an enhanced version of standard Pascal that takes advantage of the many special features of the C64. It has all of the programming structures: Begin/End, Procedure, Function, If-Then-Else, Repeat-Until, While-Do, For-To/Do, Case-Of-End, Exit, Goto, With-Do. **Pascal-64** also has these data types: Real, Integer, Char, Boolean, Array, Record, Set, Pointer. In addition, **Pascal-64** has support for sequential and relative Files; procedure for hires and multicolor graphics; and procedures for handling interrupts without machine language routines. Learn this popular language with **Pascal-64**!

Sug. Retail \$39.95

35698 Pascal 64, Disk

\$34.95

## Save Time! Save Memory!

**FORTH**. The **FORTH** language is easier to use than assembly language and faster than BASIC. **FORTH** allows you to write programs that are more compact and efficient. In addition to the extensive built-in vocabulary, you'll be able to create new words to fit your needs. Our **FORTH LANGUAGE** has an extended vocabulary to support graphics and sound, a built-in full screen editor, a complete **FORTH** assembler and extensive handbook.

Sug. Retail \$39.95

35679 Forth, Disk

\$34.95

## The first expert system for the C-64 and C-128!

**XPER-64**. By the 1990's, forecasters predict that artificial intelligence, including expert systems, will be the major application of computers. (An expert system is a computer program that can be given the knowledge and reasoning process of an "expert", and then analyze problems in the same way as the expert. One of the best practical applications of artificial intelligence, expert systems are used today in such diverse areas as oil exploration, engine malfunction troubleshooting, and medical diagnosis.) Ordinary data base systems are good for reproducing facts, but by using an expert system you can derive knowledge from a mountain of facts and make expert decisions. Using this unique knowledge-based package, you first build the information into your data base using **XPER**'s simple loading procedures. Then, by using very efficient searching techniques, **XPER** can easily guide you through the most complex decision making criteria. Includes full reporting and data maintenance capabilities. Currently used by scientists, doctors and professionals.

Sug. Retail \$59.95

35804 XPER-64, Disk

\$49.95

## Graphics and Sound Development

**VIDEO BASIC-64**. This package adds dozens of powerful commands to BASIC-commands that lets you create marvelous graphics and accompanying music or sound effects. It's a perfect tool for writing CAD, educational, entertainment or business graphics packages. If you develop an application using **VIDEO BASIC-64**, you can distribute your software without paying royalties for the use of the runtime version which is included. Hardcopy print-outs are available with major dot matrix printers. Used by professionals for program development.

Sug. Retail \$39.95

35791 C64, Disk

\$34.95



# Hardware



## NEW C-128 Computer System!

A great way to upgrade your system! Start with your current C-64 peripherals and software, and add on as your budget permits!

**Three computers in one.** The amazing C-128 is actually three computers in one: a Commodore 64, a powerful CP/M machine, and a brand new 128 with unbelievable features for a computer costing under \$500 - 40/80 column display, 128K RAM (expandable to 512K) a versatile and easy to use new BASIC, and much more. In the CP/M mode, you will be able to tap the huge library of business, technical, and home programs developed for the highly popular CP/M operating system. In the 128K mode, you will be able to use powerful new software (or write your own) that takes advantage of more memory, more commands, 80 screen columns (great for word processing and spreadsheets), numeric keyboard, new cursor control and function keys, and more.

**Completely C-64 Compatible.** The best news is that your C-64 software and peripherals will work with the C-128. This means that you don't have to buy a whole new set of hardware and software just to get going. By investing in the C-128 now, you can begin programming in the 128 or CP/M mode, or buy selected pieces of new software, but keep and use your current software and peripherals. You can then gradually add additional items as the need develops and your budget permits.

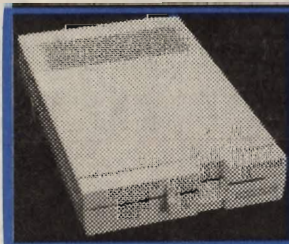
**80 Columns!** A limitation of most home computers is their inability to display more than 40 columns. That means that if you are using word processing, you can't see what your letter looks like on the screen - you have to look at wrapped around lines or windows of text. Spreadsheet users find that 40 columns doesn't always let them keep enough data on the screen. In the CP/M and C-128 modes, the new C-128 will display a full 80 columns - just like business computers costing hundreds or thousands more. (Note: an RGB monitor or 1702 monitor with special cable is needed to use the 80 column mode.)

**Software, Software, Software.** Access thousands of C-64 programs, more thousands of CP/M programs in several common, off the shelf formats, plus new C-128 software! Never has a new computer presented a user with such a huge selection of software - whether your interest is business, games, education, technical, or any other area, you'll be able to find the best software for your C-128!

Sug. Retail \$349.00

**\$299.00**

35186 C-128 Computer



**High Performance Disk Drive.** While your 1541 drive will work with the C-128, in all three modes, the new 1571 drive lets you take advantage of greatly increased operating speed and more data storage in the C-128 and CP/M modes. Data transfer rate in the C-128 mode is about five times faster than the C-64 mode, and up to 350K of data can be stored on a disk. In the CP/M mode, data transfer rate is ten times faster than the C-64 mode and storage per disk is 410K! Compatible with C-128, C-64, Plus-4, C-16, and VIC-20. Requires double sided disks. Sug. Retail \$299.00

35912

\$279.00

### Commodore 1541 Disk Drive

The 1541 drive is a complete disk drive system from Commodore, giving you economical entry to the world of disk-based software. Also great as your second drive. Maximum storage is 170,000 bytes per disk. You can define up to 44 different files per disk. File types include program, sequential, relative, and user. Compatible with the C64, SX64, and VIC 20 and C128.

28178

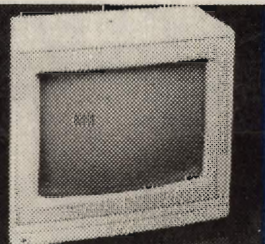
\$209.00



**RGB - Composite monitor.** In the C-64 mode, the C-128 uses a composite monitor to display 40 column text in the 128 and CP/M modes, it can display 80 columns using an RGB monitor. The new 1902 monitor gives you the best of both worlds - by featuring both RGB and composite input modes you can use both display types depending on the mode you are in. The 1902 features a high resolution 13" screen. In addition to giving crisp 40 and 80 column displays, the 1902 can be used with a VCR or television tuner as a video display. Sug. Retail \$349.00

35926

\$ CALL



**1702 Monitor.** Commodore's full-color, 13" composite video monitor features a 40 column by 25 line display format. Resolution is 320 by 200 lines. This monitor features a built-in speaker and is compatible with your video recorder. Warranty: 90 days parts and labor. Compatible with most popular computers. Monitor cable required for C64, SX 64, and VIC 20 is number 37424 (see page 33). Sug. Retail \$300.00

28159

\$199.00



**New! Mouse for C-128.** The easiest, most user friendly input device ever invented. Just roll on any flat surface for complete cursor control.

37885

\$24.95



**1200 Baud Modem.** How does FOUR TIMES the data transmission speed of a standard 300 baud modem sound? Communicate faster, download data or programs more quickly - you name it - four times the speed makes a big difference. This new 1200 baud modem from Commodore plugs into the user port and comes complete with terminal software. Auto-dial, auto-answer, auto baud and parity, and other sophisticated features are standard in this great new performer.

36952

\$189.95

**300 Baud Modem** A great way to get started in telecomputing. This feature-packed modem from Commodore uses standard 300 baud speed and features auto answer/auto dial, a switch for originate/answers and a built-in speaker. Includes all the software you need to get started.

36966

\$69.95

### C-128 Software:

In addition to running all your C-64 software, the C-128 can run new software written expressly to take advantage of its powerful new capabilities. The new programs can be bigger, offer the user more memory for spreadsheets or word processing documents, give an 80 column option, and allow other functions that were difficult or impossible to accomplish in the C-64. Look for a list of these programs on Page 17. Also, since manufacturers were just announcing these at press-time, please call our customer service department to find out about the availability and pricing of the latest titles.



# program and data storage



## HARD DISK FOR commodore - 10 or 20 megabyte storage - Super speed

At last the convenience, power, and speed of the hard disk for Commodore 64 and 128 users! Hard disks have always been used in expensive business computers; now falling prices in the hard disk market and the technological wizardry of Fiscal Information bring an affordable yet very powerful hard disk system, the Lt. Kernel, to Commodore owners. 10 megabytes of storage is more storage than 50 FULL floppy diskettes. The speed of data transfer is nothing short of incredible. 16K can be loaded in LESS THAN A SECOND, making it possible to write bigger programs than previously possible for the 64 without the performance degradation normally encountered when bringing subroutines or programs into memory from a disk.

Since the Lt. Kernel uses RAM locations sometimes used by software designers, not all commercial programs will work with it. For many users, this may pose no inconvenience. Programmers, users groups, businesses, and schools will find this new tool an invaluable way to greatly increase the speed and power of their systems. The Lt. Kernel works with the C64 and C128 (in the C64 mode.) At press time, enhancements that would increase C64 compatibility to 100% and would let the Lt. Kernel work with the C128's CP/M and 128 modes were under development. Call for details!

An added plus is that the Lt. Kernel is backed by a full support staff at Fiscal Information. Not only are they there to answer your questions, they are constantly working to improve their product. Upgrades are made available to existing owners at nominal cost - you can buy now with the confidence that your drive won't become obsolete! SUG. RETAIL \$1595.00  
**36971 10 megabyte Lt. Kernel \$1495.00**  
 SUG. RETAIL \$1995.00  
**36985 20 megabyte Lt. Kernel \$1795.00**  
 SUG. RETAIL \$1200.00  
**36990 Streaming Tape Backup \$1095.00**



## NEW! UNIVERSAL DATA RECORDER!

This great new data recorder from GE includes everything you need to hook directly to your Commodore or Atari home computer! Even works with TI computers with a TI cassette cable. GE has managed to pack this compact-size recorder with big features - footage counter, data level adjustment, sound monitor (you can listen directly to the tape to verify the presence of data), and more. A great unit - its versatility lets it be shared between different computers, and keeps it useful if you change brands. SUG. RETAIL \$69.95  
**34592 \$39.95**

## OUR BEST SELLING DISK DRIVE COMES WITH BIG SOFTWARE BONUS!

### INDUS GT



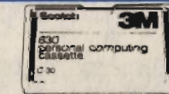
The fact that this drive will operate up to 400% faster makes this drive a great alternative to the Commodore 1541 drive. Its compact size and sleek good looks are a plus, a built-in wedge makes it super-easy to use. The track display, built-in dust cover, electronic write protection, and other features just aren't available on the competition. Everything about this drive is well designed - even its molded carrying case (most drives don't even come with a carrying case) converts to a storage file for up to 80 disks. That's why we were surprised to see such a reasonable price on this standout performer. (And of course, our big discount makes this price even MORE reasonable.)

What REALLY knocked our socks off, though, was that Indus didn't just design a great drive package and sell it for an economical price - instead, they decided to make the drive practically pay for itself! Included with each drive is a sophisticated, user friendly software starter package consisting of a full-featured word processor, a flexible spreadsheet (up to 26 by 99 columns and rows), and a menu driven database manager. YOU COULD PAY HUNDREDS OF DOLLARS for these same applications if you purchased them separately! That's why we say the Indus GT is the most complete disk drive you can buy for your C64 - and the best!

SUG. RETAIL \$299.00  
**\$239.00**

33443

## diskettes and cassettes



"One less thing  
to worry about."

**3M SINGLE-SIDED DISKETTES**, 5 1/4" width double-density quality. 100% tested and guaranteed error-free. Reinforced hub. Use only with single-sided drives. Package of ten diskettes in a convenient storage box. SUG. RETAIL \$37.00

**19407 \$29.95**  
**3M SINGLE-SIDED DISKETTES**, same as above, but economically packaged as two diskettes in a pouch. SUG. RETAIL \$8.80

**19412 \$6.95**  
**3M DOUBLE-SIDED DISKETTES**, 5 1/4" with double-density quality. 100% tested and guaranteed error-free. Reinforced hub. Use with double- or single-sided disk drives. Package of ten diskettes in a convenient storage box. SUG. RETAIL \$49.50

**19426 \$39.95**  
**3M DOUBLE-SIDED DISKETTES**, same as above, but economically packaged as two diskettes in a pouch. SUG. RETAIL \$12.60

**19431 \$9.95**  
**3M COMPUTER CASSETTES**, C-10, five minutes time per side. Includes plastic case.  
**21167 (Quantity 1-9) \$1.79**  
 (Quantity 10 and up) **\$1.49**

**3M COMPUTER CASSETTES**, C-30, 15 minutes time per side. Includes plastic case.  
**21172 (Quantity 1-9) \$1.89**  
 (Quantity 10 and up) **\$1.59**

**HEAD CLEANING DISKETTE KITS**. Protect your investment in disk drives, diskettes, and (most importantly) your software. Each kit contains two head-cleaning diskettes, one four ounce bottle of cleaning solution with a dispenser cap. A simple maintenance routine requiring only 30 seconds. For 5 1/4" disk systems. SUG. RETAIL \$13.90.  
**33213 \$11.95**

micro pal



## -OUR BEST DISKETTE DEAL! -LIFETIME GUARANTEE

Are you paying too much for diskettes? Try our MicroPal® brand, first quality, prime 5 1/4" diskettes (no rejects, no seconds) at these fantastic sale prices and save, save, SAVE! Disks are packaged in boxes of 50; each box contains 5 shrink-wrapped 10-packs that include diskettes in sleeves, labels and write-protect tabs.

Each diskette is certified to be 100% error free and comes with a lifetime warranty (if you have a problem, we'll replace the diskette.) All diskettes include hub reinforcement rings and write-protect notch.

All diskettes are double density and work in either single or double density drives.

**SS,DD Diskettes, Box of 50 \$39.50 - 79¢ ea.**  
**32391**  
**DS,DD Diskettes, Box of 50 \$49.50 - 99¢ ea.**  
**32403**

-We stand behind these high quality disks!  
 -Try them once and you'll never switch!



SKC

Famous SKC diskettes are fully certified and 100% error free! SKC quality plus our discount price means VALUE for you. Lifetime guarantee... If there's a problem, you get a new disk. Box of 10.  
**29273 Single Sided, Double Density \$11.95**  
**29287 Double Sided, Double Density \$14.95**

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
 ORDER STATUS HOTLINE 1-219-259-7053.



# printer showcase

A Best Seller. . .

**star**  
MICRONICS INC.

• NEAR LETTER QUALITY!  
• 2K BUFFER!

THE POWER BEHIND THE PRINTED WORD.

NEW

**SG-10**

**\$229**

The SG-10 has a nine wire print head and bidirectional printing at 120 characters per second in draft mode. A flip of the switch initiates Near Letter Quality mode for printing at 30 characters per second with letters so crisp it's a shame to call it only "near" letter quality! The SG-10 offers 20% faster throughput and 2K print buffer! Of course the SG-10 has that famous Star quality and state-of-the-art features such as a 9x9 standard matrix with true descenders, foreign languages, and mathematical and scientific symbols. In addition, the SG-10 offers the same range of print size, column size, character sets, character fonts and even all of the special features of SD-10.

The SG-10 has both tractor and friction drive to handle sheets from 5.5 to 8.5 inches wide and fanfold (including label stock) from 4 to 10 inches wide. You also have the convenience of a user replaceable printhead and common Underwood ribbons.

The interface is standard parallel so you can use the PPI, G-Wiz or other Commodore interface to connect the SG-10 to the C64 or C128. An optional serial interface is also available. SG-10 dimensions are 15.4"Wx12.4"Dx5.7"H and it weighs 15.4 pounds.

33251 SG10 Printer	Sug. Retail \$299.00
37890 Serial Interface for SG-10 w/4K Buffer	Only \$229.00
21631 Ribbon for SG-10	\$99.00
34799 SG-10 User's Manual (Packaged w/printer)	\$2.49
34802 SG-10 Technical Manual	\$14.95
34446 SG-10C Same great printer described above with built-in Commodore Interface!	\$23.95
	\$249.00



**LIMITED  
TIME  
OFFER!**

## SG-15 PRINTER

NEW

Made for those of you who require the ability to print on paper up to 15.5" wide, the SG-15 dot matrix printer has a speed of 120 characters per second bi-directional in draft mode, and can be slowed down to 30 CPS for Near Letter Quality printing! The nine wire print head is user replaceable. Prints up 233 columns with all of the character fonts, character sets and special features of the SG-10. Comes standard with a 16K buffer. Standard parallel interface uses PPI, G-Wiz, or other Commodore interface. Printer dimensions are 21.3"Wx12.4"Dx5.7"H. Weight is 22 lbs.

33265 SG-15 Printer  
21631 Ribbon for SG-15

Sug. Retail \$499.00  
\$429.00  
\$2.49

### IMPORTANT!

This may be your last free catalog! If you are not planning to order from us soon, be sure you're on our mailing list for future catalogs and sale fliers. Check your address label. If you see any of the following three digit codes above your name; C2A, C2B, C2C, C2D, C2E, relax, you are on our permanent mailing list. If you see a different three digit code, please cut out your complete address label, check it for accuracy, and mail it to us. We will make sure you are put on our permanent mailing list.

Mail to:  
TENEX P.O. Box 6578, South Bend, IN 46660  
WRONG CATALOG? Tenex publishes catalogs for owners of T199/4A, Commodore and other microcomputers. If you are receiving the wrong catalog, please contact our Customer Service Department so your name can be changed to the correct list!

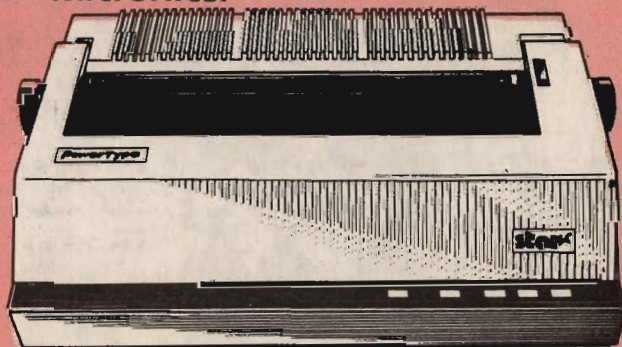
## Letter Quality Daisywheel Printing from Star Micronics! Power Type

From this well-known and respected manufacturer of quality dotmatrix printers comes POWERTYPE, a letter quality daisywheel printer. The PowerType offers bi-directional printing at a fast 18 CPS with 10, 12 or 15 CPI print size and proportional spacing. Over 100 type fonts are available (PowerType uses standard Qume print wheels.) Line spacing is switch and software selectable at 3, 4, 6, or 8 lines/inch. The printer comes with dual interface (serial and parallel) along with 32 easy-access format switches. Other features include: reverse paper feed, short form tear-off and self-test. Comes standard with friction feed; optional tractor feed is available. PowerType uses standard Diablo Hi-type I or II cassette ribbons. Dimensions are 19.6"Wx14.3"Dx5.5"H; weight, 22 pounds. Requires parallel or serial interface.

Only **\$359.00**

31064 PowerType Printer  
31079 Optional Tractor Feed  
31083 Film Ribbon Cassette

\$54.95  
\$4.75





Now With  
Near Letter Quality!



## SD-10 PRINTER

Produces 160 crisp characters every second in draft mode. For Near Letter Quality printing, just flip a switch to slow the print speed, and the character matrix of 17 dot x 11 dot produces quality type rivaling daisy-wheel printers. Printing is bidirectional and logic seeking. The 9-wire print head is user replaceable. Uses standard sheet (5.5" to 8.5" wide) or fan-fold paper (4" to 10" wide) and labels, because it has both friction and tractor drive.

Talk about versatility: print size of 5, 6, 8, 5, 10, and 12 and 17 characters per inch; columns on a standard sheet numbering 40, 48, 68, 80, 96 and 136, line spacing of 1/6 or 1/8 inch, or program your own spacing.

Choose the character matrix that suits your need: from 9x11 standard with true descenders (e.g. the tails on p's and q's really go below the "line"), to 8x240 bit image mode.

All of these character sets are stored in the SD-10 ready for your use: 96 standard, italic and NLQ ASCII characters (similar to your keyboard set), 88 standard, italic and NLQ international characters, special characters, 32 block graphic patterns, and 240 user-defined characters. All these fonts are available to you: normal (10 characters per inch), elite (12 CPI), condensed (17 CPI), enlarged (5, 6, 8.5 CPI), near letter quality (10 CPI), emphasized, double strike, italics, and super and sub scripts.

Special features include: easy access format switches, hex dump, self-test mode, continuous underline, vertical and horizontal tabs, skip over perforation, and standard 2K buffer.

Yet with all this advanced technology, the SD-10 is very easy to use and maintain. When the print head wears out after millions of cycles, it is simple to replace by the user. The SD-10 has standard parallel (Centronics compatible) interface. Use PPI, G-Wiz, or other Commodore interface. Printer dimensions are 15.4"Wx14.1"Dx6.1"H and it weighs 20.1 lbs.

33284 SD-10 Printer

Sug. Retail \$449.00  
**ONLY \$379.00**

34713 Ribbon for SD-10

\$6.25

**SD-15 PRINTER.** Same great features and print speed as the SD-10, but will accommodate paper up to 15.5" wide and comes standard with a 16K buffer. Printer dimensions are 21.3"Wx14.1"Dx6.1"H and it weighs 24.5 lbs.

33299 SD-15 Printer

Sug. Retail \$559.00  
**\$509.00**

34727 Ribbon for SD-15

**\$9.95**

# star

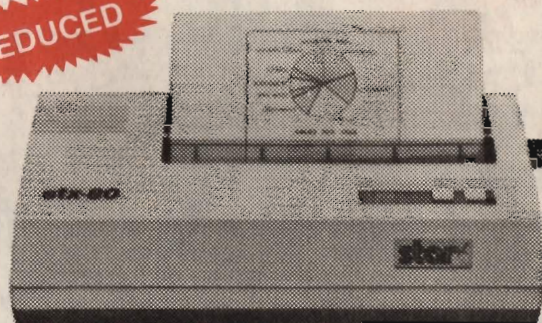
MICRONICS • INC

All printers from Star  
Micronics now feature a  
**ONE YEAR WARRANTY**  
(includes printhead!)

**SUPER  
QUIET!**

**\$149<sup>95</sup>**

REDUCED



## stx-80 THERMAL PRINTER

A full 80 column thermal printer, perfect for use where quiet operation is important. Don't be fooled by the price; advanced technology has loaded this quality printer with performance features. A nine element print head for superb graphics. All 96 ASCII characters, PLUS 51 European characters, PLUS 64 block graphic characters. Bidirectional printing at 60 characters per second with horizontal tabs and column scan bit image graphics. The very quiet STX-80 uses standard 8.5 inch thermal printing paper roll which will not darken under normal conditions.

The STX-80 has a standard parallel interface so you can use the PPI, G-Wiz, or other Commodore interface. Printer dimensions are 13.4"Wx6.9"Dx3.9"H; weight is 7.7 pounds.

19657 STX-80 Printer

Sug. Retail \$199.00  
**Only \$149.95**

19676 Thermal Paper (two 100' rolls)

**ALPHACOM 81 Thermal Paper**

**\$9.95**

34573 Thermal Paper (82' roll)

**\$9.95**

34568 Thermal Paper (100 Single Sheets)

**\$9.95**

## — TOP OF THE LINE —

**SR-10 PRINTER.** 200 characters per second with 20% faster throughput! Can be slowed down for Near Letter Quality printing. Comes standard with friction feed, tractor feed AND automatic single sheet feed. All the character sets and fonts of the other Star printers. Handles paper up to 10" wide. Sug. Retail \$649.00

33302 **ONLY \$569.00**

34732 Ribbon for SR-10

**\$9.95**

**SR-15 PRINTER.** Same great feature as the SR-10 with a 16K buffer and wider carriage to handle paper up to 15.5" wide.

Sug. Retail \$799.00

33317

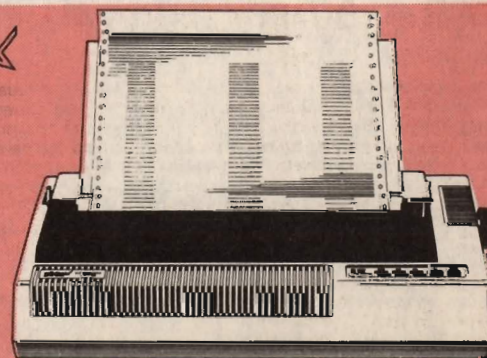
**ONLY \$689.00**

34746 Ribbon for SR-10

**\$11.95**

# star

MICRONICS • INC



TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.

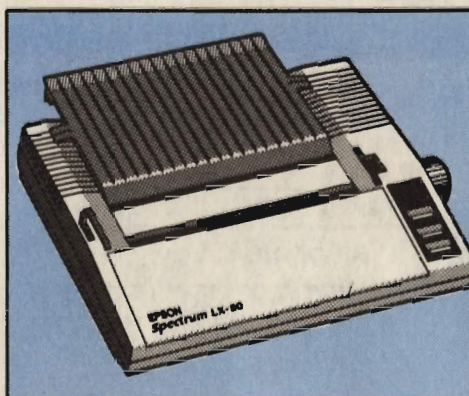
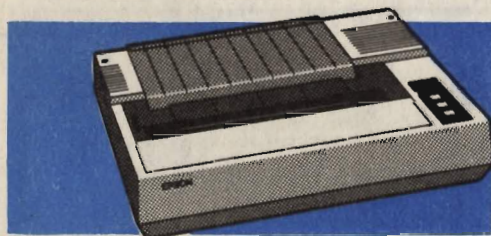


# EPSON

The printer chosen by more computer enthusiasts than any other.

**IMPORTANT NOTE.** At press time, Epson was in the process of making changes in its line of printers. Our policy is to stock the latest versions and newest models, and to sell them at highly competitive prices. Please call our Customer Service Department for price and availability of the latest Epson printers.

All EPSON printers come with **ONE YEAR** manufacturer's warranty. Buy with confidence!



## Business Quality Printing At A Home Budget Price SPECTRUM LX-80

100 CPS!

Zip through draft copies with speedy 100 CPS bidirectional printing. . . or produce finished copies with a high quality typewriter style appearance in a 16 CPS near letter quality mode. The Selectype feature allows you to choose from a wide range of typestyles (over 160 combinations!) and graphics. Full one year manufacturer's warranty. Great combination of performance and value!

33871 LX-80 Printer **\$259.00**  
33885 Tractor Feed for LX-80 **\$34.95**  
34662 Ribbon for LX-80 **\$4.95**

## FX-85 & FX-185 SUPER FEATURES! HIGH SPEED!

**NEW** **160 CPS!**

The new FX-85 and FX-185 printers are improved versions of the famous FX-80 and FX-100. High speed operation at 160 characters per second is further enhanced by a huge **8K buffer** which greatly reduces computer "waiting time". Near letter quality print at 32 cps is switch selectable and features beautiful serif characters — must be seen to be appreciated. Built-in centering and justification are handy, too. New low noise lid helps contain sound problems. The FX-85 handles 9 1/2" paper; the FX-185 accepts any size up to 15" wide. These printers are ideal for office use due both to their rugged construction and their outstanding performance. Use parallel interface to connect to Commodore.

34893 FX-85 Printer  
34905 FX-185 Printer  
JX-80 Color Printer Now available!  
33208 JX-80 Printer

Sug. Retail \$699.00  
**\$599.00**

Sug. Retail \$499 (FX-85); \$699 (FX-185)  
**\$399.00**  
**\$549.00**

## COMPUTER PAPER

### No Printer Should Be Without It!

Handy packages of the best quality printer paper. Continuous 9 1/2"x11" sheets of 20# bond clear white paper, "Z" folded with 1/2" perforations on each edge. Tears clean for letterhead quality drafts. Each package contains 540 sheets.

29535 **Only \$7.95**  
Keep a copy! Similar to above, but each page has two sheets. Automatically generates a copy without carbon paper. Each package contains 320 pairs of sheets.  
29549 **Only \$12.95**

## PAPER TRACTOR

Carries ordinary sheet paper through your tractor-feed printer!  
Simply place your letterhead, checks, invoices, forms, even legal-sized sheets into the durable flexible plastic carrier and feed into your adjustable tractor-drive printer. Works with most printers; not compatible with some Commodore brand units.  
22084 **\$11.95**



## PRINTER SUPPLIES AND ACCESSORIES

Enhance your system and improve efficiency with these useful products.

### AXIOM

- Tractor feed option for LSP
- Ribbon for GP-550
- Ribbon for GP-700 Color Printer

### BMC

- Ribbon for BX-80/BX-130
- Printhead for BX-80/BX-130

### EPSON

- Vertical tractor unit for FX-80, allows use of any width pinfeed paper such as one-up labels. Without this unit, pinfeed paper must be standard 8 1/4" width.
- Grafix + kit for MX-80 printers upgrades your MX-80 graphics capability with a plug-in ROM cartridge.
- Ribbons, black inked fabric, three million character life. Simple drop-in cassette. Fits all MX, RX, and FX-185 models.
- Same for MX, RX, FX-100 and FX-185 models.
- Ribbon for Spectrum LX-80.
- Dust covers, top quality antistatic vinyl protection for MX, RX, and FX-80 models.
- Operators manual for MX series printers.

### LEGEND

- Ribbon for 808, and 1080 printer

34310 \$29.95  
33814 \$13.95  
34708 \$17.95

29310 \$ 9.95  
31651 \$69.95

22070 \$39.95

22051 \$75.00

19200 \$ 5.95  
19215 \$ 9.95  
34662 \$ 4.95

19272 \$ 8.95  
22065 \$19.95

36474 \$ 7.95

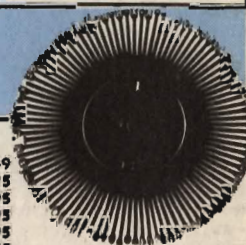
### STAR MICRONICS

- Ribbon for Gemini 10X, SG-10, 15
  - Ribbon for SD-10
  - Ribbon for SD-15
  - Ribbon for SR-10
  - Ribbon for SR-15
  - Ribbon for Power Type
  - Serial interface adapter for Gemini 10X, 15X.
  - Tractor feed option for Powertype
  - Thermal printer paper for STX-80 (two 100 ft. rolls)
  - Gemini 10X Users Manual
  - SG-10 Users Manual
  - Gemini 10X Technical Manual
  - SG-10 Technical Manual
- Technical manuals include schematics, flow charts, parts lists, diagrams, trouble shooting, etc.

### LABELS

- Self-adhesive, on continuous pin-punched carrier for tractor drive printers.
- 5000 labels with one label across. Carrier width 4 1/4". Label size 3 1/2"x15 1/16".
- 3000 labels with 3 labels across. Carrier width 9 1/4". Label size 2.75"x15 1/16".

21631 \$ 2.49  
34713 \$ 6.25  
34727 \$ 9.95  
34732 \$ 9.95  
34746 \$11.95  
31083 \$ 4.75  
21626 \$59.00  
31079 \$54.95  
19676 \$ 9.95  
34770 \$14.95  
34799 \$14.95  
34784 \$23.95  
34802 \$23.95



19267 \$13.95

22277 \$12.95

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



# printer interfaces & accessories



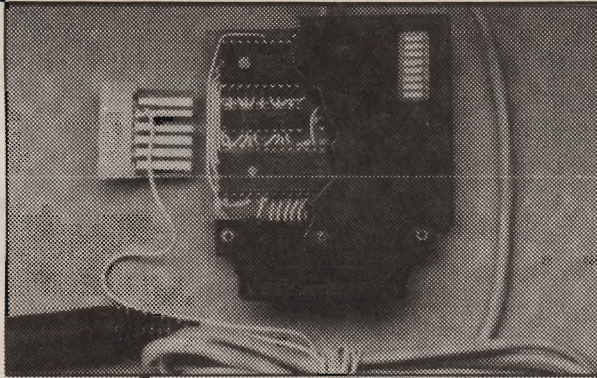
## The Most Economical and Powerful Graphics Printer Interface We've Ever Offered!

The PPI interface from DSI will let you connect any standard parallel printer (including Epson, Star, BMC, Legend, Okidata, and many more), to your C64, C128, or VIC20 computer. The PPI does it all: graphics, text, Commodore graphics, expanded, reversed, and condensed characters. Fully shielded to avoid interference, the PPI has no confusing DIP switches. Just plug it in and it works. The PPI has been proven with many popular software packages, including Print Shop. High Speed Graphics buffer avoids super-lengthy print times. Connects to computer or disk serial port and computer cassette connector (for power only). No other cables needed. A fast and easy way to start printing!

Sug. Retail \$49.95  
\$44.95

33565 PPI Interface Cable, VIC20, CC6

## G-Wiz Interface



## G-Wiz Performance + Value = CARDCO

Cardco, the company that developed the all-time best selling Commodore Interface, the +G, has reached into their bag of tricks and introduced a worthy successor. With on-board buffering for more speed, and a price about 30% less than the +G, the new G-Wiz sets a new standard for performance and value. A G-Wiz exclusive is Aspect Ratio Selection — it matches graphics characters to standard characters on Star, Epson, Okidata, Prowriters, Smith Corona, C-TOH, Gorilla, and many other dot matrix printers. This means you can perfectly align high resolution graphics characters within text blocks, or in columns. We have no doubt that the G-Wiz will become the new standard of performance and value in the Commodore printer interface market.

One more feature isn't even on the circuit board — Cardco's exclusive lifetime warranty. You can be sure when it's Cardco.

34484 G-Wiz

Sug. Retail \$69.95  
\$53.95

## Space Saving

## PRINTER STAND

At last a printer stand priced for homes and small offices! We've always liked the convenience and organization of an elevated printer stand — you can put your paper underneath the stand to save valuable table space and make feeding easier. The problem, up until now, has been price. Stands sold to the office market often cost \$40, \$50, \$60 or even more! These great new stands from Suncom, a leader in microcomputer accessories, solve the price problem and offer features not found on models costing more than twice as much. The stands feature heavy duty welded steel wire construction and have a vinyl coating to reduce noise and vibration and provide an attractive appearance that will blend with your computer decor. Another plus that the designers of many more expensive stands left out: our Suncom stand holds the printer at an angle that makes it much easier to see your output as it is being printed.

We use one in our office and agree that this much convenience at such a low price is real value. Available in two widths: 12" for most 80 column printers (Gemini 10X, SG-10, RX-80, BX-80, etc.) and 18" for most 132 column printers (Gemini 15X, SG-15, FX-100, etc.).

33232 12" Printer Stand  
33246 18" Printer Stand

\$14.95  
\$22.95



## LET'S DISCUSS... Interfacing Printers to Commodore Computers

Printers are the most popular peripherals, yet they can be most perplexing when choosing one for your Commodore. Let's try to clear up some of the mystery. This discussion applies to the VIC-20, C-64 and C-128. For the Commodore printers (several others designated as being "Commodore Ready"), described in this catalog no more interfacing is needed than to simply plug the supplied cable into the six-pin serial port at the back of your unit.

If you wish the increased speed and versatility offered by the many other popular printers described in this book and elsewhere, there are basically three methods of accomplishing the interface. First is the RS-232 technique; good only for printers with a serial (RS-232) input. A VIC RS-232 module plugs into the user's port, then an RS-232 cable connects the module to the printer. Of course, you can't use a modem at the same time because the user's port is tied up, and some data may be lost from the datasette if you are printing and reading at the same time. The second technique is to use a suitable cable to connect the parallel output of the user's port to a printer with parallel input. This requires some software to manage the data transmission and communication. With each use of the computer, this software must be loaded if you wish to print. The final method for connecting a printer is by a serial-to-parallel interface. We recommend this method for the majority of users because it is simple to use and has great versatility. The user's port is also left free. One end of the interface connects to the serial port of your computer, and the other to the 36-pin parallel input of most popular printers. Naturally TENEX offers you a selection of top quality, lifetime guaranteed interfaces to match anyone's needs and pocketbook.

## RS-232 INTERFACE

from **handic**

In the world of computers, the RS-232 protocol has become one of the most common standards. Many printers, modems, and other devices are manufactured to accept RS-232 data. Now you can use these devices with your C64 or C128 with Handic's RS-232 interface. Easy to use — switches for level matching are on the outside for quick access.

Sug. Retail \$64.95  
\$53.95

32315 RS-232 Cartridge

## BATTERIES INCLUDED

## Display a Full 80 Columns of Clear Text on Your C-64!

\$129<sup>95</sup>

Just plug it into the cartridge slot, and your 64 now displays a full 80 columns of clear text. Really an aid for word processing. Compatible with Paper Clip and other popular programs. Works with color or monochrome monitors. You can easily switch from 80 to 40 columns at any time. The cartridge comes with the powerful BASIC 4.0 language built-in for enhanced programming capabilities. New generation design eliminates any problems of snow, fuzziness, or other interference present with other units. Comes with complete, easy to understand documentation, including a description of the BASIC 4.0 language. One year manufacturer's warranty.

29292 For C-64, Cartridge

Sug. Retail \$199.95  
\$129.95

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



# telecommunications

## ENTER THE EXCITING WORLD OF TELECOMPUTING!

One of the most popular uses of home computers is to "talk" to other computers and computer users. The diversity of on-line services is staggering — from the latest news to airline schedules, from stock prices to interactive adventure games, from electronic mail to patent searches — all you need is your computer, a modem, terminal software, and a phone line. In addition to the national on-line databases like the Source, Compuserve, Dow Jones, and others, there are hundreds or even thousands of local "bulletin boards" run by users groups or individual enthusiasts. Telecomputing is so much fun and offers such a variety of activities that for many users it is the principal use of their home computer.

## CE CREATIVE EQUIPMENT TOP OF THE LINE TERMINAL SOFTWARE

**COMMANDER ULTRA TERMINAL 64.** A powerful terminal emulator program completely contained on a cartridge Plug in your modem and you are ready to communicate with almost any other computer in the outside world. You can download (save information on disk), print downloaded data on your printer, recall data on screen, and much more. Excellent for students, traveling salespersons, home, etc.

Sug. Retail \$69.95

23780 C64, Cartridge

\$59.95

## VOLKS 6420

### BIG FEATURES AT AN ECONOMY PRICE!

Auto dial/auto answer, Bell 103 compatibility, 300 baud speed, switchable pulse and tone dialing, a built-in audio monitor speaker, an auxiliary telephone jack — these are features you would expect to find on a modem costing much more.

### FREE SOFTWARE

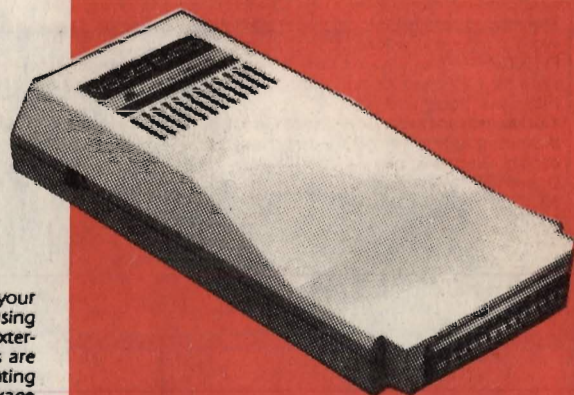
An added plus — the VOLKS 6420 comes with AutoCom IV software on diskettes: This versatile software package supports auto dial/auto answer, uploading and downloading, stores phone numbers and has more than 32K of memory available.

### EASY TO USE — COMES COMPLETE!

Just plug the VOLKS 6420 into the user port of your C64 or C128 and connect to your telephone line using the 6 ft. modular telephone cord (included). No external power connections or additional data cables are needed — everything you need to start telecomputing is provided in this high quality but economical package from Anchor Automation, one of the leading suppliers of modems for microcomputers. Sug. Retail \$99.00

31613

\$79.95



## A VERY SMART MODEM

WITH 1200 BAUD SPEED!

SAVE \$100<sup>00</sup>!

# VOLKSMODEM 12



### A NEW CONCEPT

More and more users are discovering the advantage of communicating at 1200 baud — four times as fast as standard 300 baud. Now Anchor brings an economical, high speed modem to the micro marketplace with an important plus — its versatile interfacing lets you use it with a great variety of computers just by changing an inexpensive cable. If you ever change computers, your modem investment is preserved — you only have to buy a new cable.

### PACKED WITH FEATURES

Auto-answer/auto dial, Bell 103, 212A compatible, 0-300-1200 baud speed, Hayes compatibility, and many more features make the Volksmodem 12 a great value at its breakthrough price.

### SOFTWARE INCLUDED!

When you buy the Commodore cable for the Volksmodem 12, you also get a powerful 300/1200 baud terminal program that lets you take advantage of the modem's outstanding features.

### A SMART BUY!

You could spend as much money for a "dumb" modem — with its big feature list, interfacing flexibility, and built-in intelligence, the Volksmodem 12 would be a great value at full retail price. At our low discount price, it's truly a "smart" buy!

33724 Volksmodem 12

33988 "J" Cable for Commodore 64/128

34520 "A-12" Cable for RS-232 Computers

Sug. Retail \$299.00

\$199.00

\$34.95

\$11.95



# graphic aids

## FLEXIDRAW

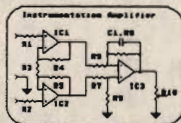
### ...the modern alternative to pencil & paper!

"The best drawing program around," says Midnight Software Gazette

Now you can produce a wide range of drawings from simple free-hand sketches to complex CAD-type drawings. The FLEXIDRAW system consists of a light pen, master software disk, function key overlay and manual.



DRAWINGS

GRAPHS  
CHARTS

SCHEMATICS

Light pen computer drawing has applications for artists, designers, hobbyists, programmers and others needing a top quality hi-res graphics input and editing system. The master disk has the main drawing routines for use with the light pen, as well as sample drawing library, symbol templates and a music synthesizer program. A programming mode lets you access the drawing routines from BASIC. The sprite editor/ animator adds a great plus to FLEXIDRAW — there's no easier way to edit sprites than with a light pen.

The most powerful feature is the ability to use a set of symbols (yours or ours) which can be moved to a second work screen and added to a drawing.

FLEXIDRAW is easy to use due to the sophisticated menu system which is similar to those of large computer drafting systems; maximum detail is possible. Free-hand drawing is very smooth because of an "averaging" function that filters out noise and jitter.

**Commands Include:** Line, Draw, Grid, Fill, Zoom, Circle, Box, Rubber-band, Block move (3 modes); **Suggested uses:** Business graphics, bar graphs, pie charts, Craft patterns, Fashion design, Landscape layout, Mechanical design, Package design, Electronic blackboard.

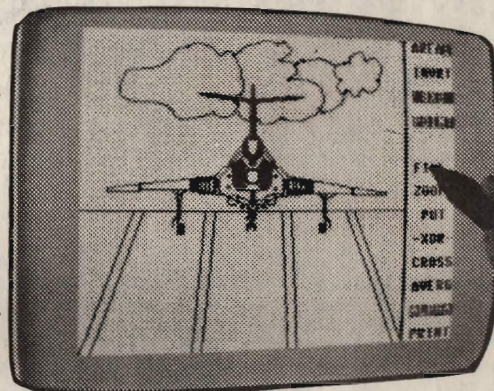
Drawings may be saved to disk and printed on a wide range of graphic printers, including Commodore 1525, Gemini 10/10X and C-Itoh's Prowriter. Full use of upper and lower case TEXT and all C-64 graphics keys. Precision crosshairs for CAD drawings.

**Programmed Work Templates aid in designing:** Electronic schematics, Architectural floorplans, Interior design, Music composition, Geometric designs, Mathematic equations.

The FLEXIDRAW program has a full 90 day warranty. User requirements: Commodore 64 computer, Commodore disk drive, TV or monitor suitable for light pen use. Printer optional. From Inkwell Systems.

24619 C64, Disk/Light Pen/Manual

\$139.95



**FLEXIFONT**, an indispensable addition to your Inkwell graphics system, gives you character generation ability at the touch of your FLEXIDRAW light pen. Choose from the 33 built in letter styles or create your own with symbol and pattern libraries. Flexifont will copy, paste, flip, rotate, print, and edit saved or loaded symbols. Flexifont is an inexpensive necessity for creation of anything from official documents and newsflyers to personal letters and formal invitations.

37724 Flexifont Sug. Retail \$29.95 \$24.95

## SUPER SKETCH™

### DRAWING TABLET —Easy enough for kids!

Super Sketch is a simple way to create video graphics with your Commodore. The easy-to-use tablet and stylus let you draw in a more normal way than light pens or other devices. Just plug the Super Sketch into your users port and start drawing!

32441 Super Sketch

Sug. Retail \$49.95

\$32.95



from **TG**  
PRODUCTS, INC.

**PRINTER UTILITY DISK.** Lets you print your Super Sketch creations to most common printers.  
32456 Sug. Retail \$29.95 \$19.95

### LIGHT PEN PLUS SOFTWARE!

## TECH SKETCH INC.



### Light Pen and Micro-Illustrator

Everything you need to start having a ball creating pictures on your Commodore! A great light pen comes with Micro-Illustrator software — you can draw lines, circles, rectangles, rays, and more. You fill shapes that you draw with color. You can even erase mistakes. In the "magnify" mode, you can actually draw pixel by pixel for high precision. All illustrations can be saved to disk or printed to most common printers. The "icon" type menu makes this software extremely easy to use — you probably won't even need the manual! A "best buy" for doodlers and artists alike.  
31238 Light Pen & Micro-Illustrator Sug. Retail \$34.95 \$29.95

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



# real world interfacing

**NEW**

## HOME AUTOMATION IS HERE!

- SECURITY • ENERGY SAVINGS • CONVENIENCE
- DOESN'T TIE UP THE COMPUTER!

## X-10 POWERHOUSE™

The world's leading maker of home control devices has just introduced a revolutionary new product line called X-10 POWERHOUSE. With your Commodore 64 or 128 computer, you can program lights and appliances to turn on and off, control your thermostat, and much more. The POWERHOUSE can wake you to stereo music or TV news, light up your bedroom, hallway, and bathroom; start the coffee, turn up the heat, warm up the curlers. . . all before you are even out of bed! But it's smart enough not to wake you up on weekends.

At night, it can lower the heat, turn off the Tonight Show, and first dim and later turn out the lights. The user-friendly POWERHOUSE software lets you first "set up" your house. You move "icons" (pictures of lights and appliances) into each room. The on-screen software shows you how to set a module for each light and appliance to be controlled.

After you have set up your house, you can enter the operating mode to actually set the times for individual lights or appliances to turn on or off. You can also set the days of week for the action to take place. You can even program the brightness level of a light.

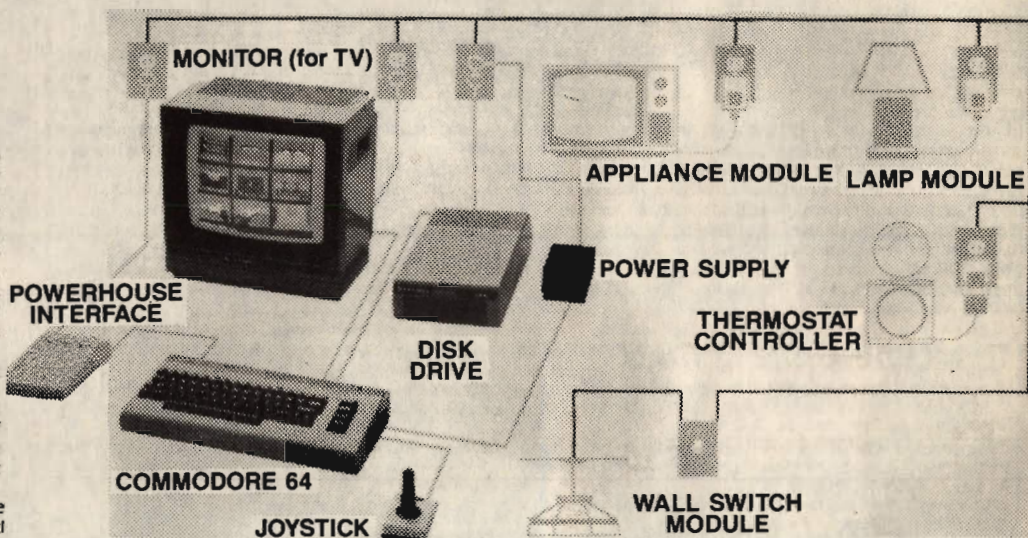
Once you have established the program, you can disconnect the computer — the POWERHOUSE system will control your home independently. It even has a battery backup (9V battery not included) that will keep the system from forgetting your program if the power fails. (Battery life is approximately 100 hours.) Up to 128 timer events can be set and 256 icons can be placed in your software "house". Up to 256 lamps and appliances can be controlled using X-10 type modules. Start putting your computer to work to improve your lifestyle — invest in an X-10 POWERHOUSE and enter the age of electronic living!! Sug. Retail \$125.00

**36493 X-10 POWERHOUSE**

**\$109.95**

**36914 Commodore Cable and Software (Required)**

**\$22.95**

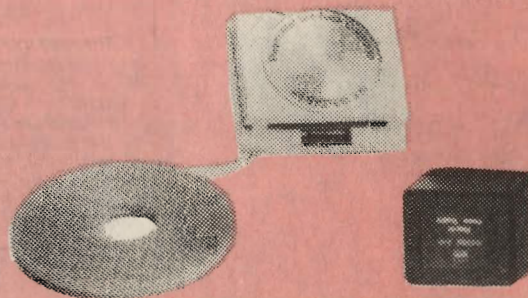


## X-10 CONTROL MODULES

For X-10, Genesis, Sears, Radio Shack, GE Homeminder, and other X-10 based control systems.

To control lamps and appliances you must plug them into an X-10 module. The central controller sends a signal through the house wiring to the module to turn it on or off or to dim it. Select the module you need for application. Standard lamp and appliance modules plug into the wall between your lamp or appliance and the outlet. X-10 wall switches replace a standard wall switch to allow automatic control of ceiling lights or other switch controlled units. Wall receptacle unit replaces a standard two plug outlet. (One outlet controlled, one normal.)

<b>37001 Lamp Module</b>	<b>\$16.95</b>
<b>37016 2-Pin Appliance Module</b>	<b>\$16.95</b>
<b>37020 Wall Switch Module</b>	<b>\$16.95</b>
<b>37035 Wall Receptacle Module with custom wall plate</b>	<b>\$19.95</b>



## • CONTROL YOUR THERMOSTAT! • SAVE ENERGY!

Using the X-10 Thermostatic Controller, you can control your existing heating and air conditioning thermostat to save energy and dollars. Set consists of temperature regulator and low voltage adapter. **IMPORTANT:** unit must be plugged into an X-10 Appliance Module or wall receptacle module (not included) to allow automatic temperature adjustment. Requires X-10 Powerhouse.

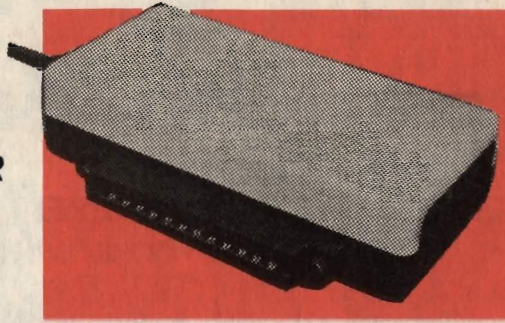
**36488 Thermostat Controller Set**

**Sug. Retail \$70.00**

**\$49.95**



## Total Control of Your Home or Business with VICONTROLLER from Genesis



Just plug the popular VIController cartridge into the user's port on your VIC-20 or C-64 and plug its power cord into a wall outlet and you have a powerful Home Control system. Your computer can control up to 265 lights or electrical appliances using remote control modules such as BSR's X-10, Radio Shack, Plug 'n Power, or Leviton's Central Control (purchased separately). The signals are carried through your house wiring. The remote control modules simply plug into the wall outlet, then the selected appliance is plugged into it. That's all there is to it. Then your computer can not only turn appliances on and off, but can adjust the lighting level as well. (We'll bet you're thinking of a special application yourself by now.) What about software? The VIController comes standard with three software packages to get you up and running right away. The Manual Control Program allows you to send control commands immediately from your keyboard. The Time Control Program runs on the internal clock in your computer to allow you to schedule events to occur at various times during the day. You can build 24 hour schedules with up to 32 commands on an unexpanded VIC-20 and more on an expanded VIC or C-64. The Expanded Time Control Program adds a seven day schedule with up to 240 commands. Protect your home and business, save energy, and have fun with this quality unit. Full one year manufacturer's warranty.

29573 V20/C64, Cassette

29587 V20/C64, Disk

Sug. Retail \$69.95

Only \$59.95

Only \$59.95

## Sensitize Your Home With COMSENSE from Genesis

The COMsense input device provides your C-64 or VIC-20 with the ability to sense its environment and make intelligent decisions and carry out commands based on these inputs. Many different kinds of information can be gathered with the six separate inputs: four on/off and two analog. On/off inputs include whether a door is open or shut, lights on or off, if a person has stepped through an electric eye, etc. The two analog inputs can sense information that takes on many values, such as temperature, humidity, light level. The data gathered by COMsense can be assembled into a report, (on energy usage, for instance) or to set off an alarm. If the VIController is used also, some corrective action can also be implemented, a water pump started, for example. Protect the food in your freezer. The applications can be left to you and your imagination. The COMsense plugs into the game port at the side of your computer. Your computer is completely protected against accidental input overloads! Comes with complete and understandable documentation. This quality unit carries a full one year manufacturer's warranty.

Sug. Retail \$69.95

Only \$59.95

29639 For VIC-20 or C-64

## Realtime COMCLOCK from Genesis

The COMclock real time clock cartridge for the C-64 maintains the time of day, date, month, year, and day of week through simple software routines. A lithium battery (included) keeps the clock running when the computer is powered down. Quartz accuracy. Plugs into the cartridge expansion port. Can easily be incorporated in your own programs. Full year parts and labor warranty.

Sug. Retail \$69.95

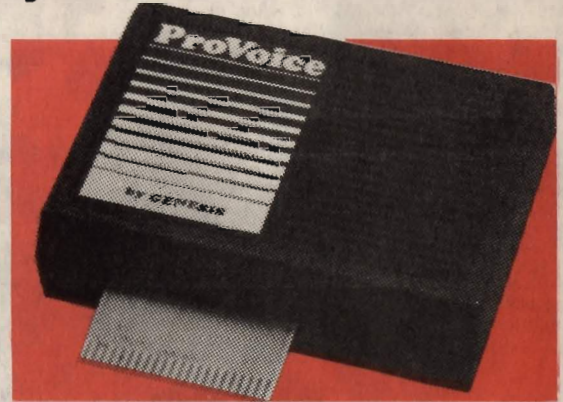
29643 For the C-64

Only \$59.95

## The Ultimate Speech Synthesizer for the C-64. . .

### ProVoice

from Genesis



The most sophisticated, easy-to-use speech synthesizer built for the C-64! The ProVoice offers 13 new BASIC commands such as SPEAK which tells the computer to speak in either conversational, verbatim, or character modes; including volume control, pitch control, and many more exciting functions! The Screen Echo mode allows many BASIC programs to talk without any modification! Even has a HELP command built in. ProVoice is specifically designed to be a useful aid to the visually impaired. Package includes a special set of translation rules to assure that abbreviated commands are vocalized correctly, built-in amplifier and speaker and a comprehensive user guide. Plugs into expansion port and is ROM based - no software to load! Sug. Retail \$99.95

35842 C64, Cartridge

\$84.95

## handic

## Turn Your Computer Into A Controller!

**VIC-REL/CBM 64-REL.** This easy to use and program relay cartridge turns your computer into a controller for various devices at home, school or office. Control burglar alarms, garage doors, lamps, air conditioners, etc. Cartridge contains six relay outputs and two inputs. From Handic Software.

29127 V20, Cartridge

\$39.95

29201 C64, Cartridge

\$34.95

NEW

## Command Your Computer By Voice!

Voice Command

Give your computer voice recognition capability with the VOICE COMMAND MODULE from Eng Manufacturing. The unit plugs in the C-64's RS-232 port via cable (included); a clip-on lapel microphone attaches to the module with a 6' wire. As you speak into the microphone the machine captures a sample of the voice, compares it to a stored pre-recorded sample, and decides if it matches. Stores up to 64 different words for later recall. Package also includes a disk of software programs (includes SOS - Speech Operating System) and a user's manual. Requires disk drive. Compatible with C-128 computer.

34943

Sug. Retail \$49.95

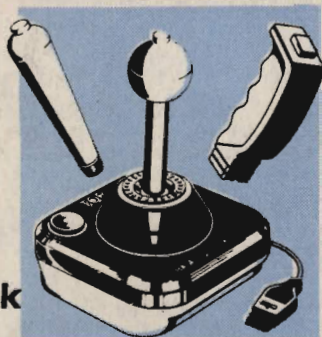
Only \$43.95



TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



## joysticks

3-Way  
Handle  
and  
Gatelock  
Control\$24<sup>95</sup>

Famous WICO quality is now available in a new joystick with 3-way handle AND gatelock control. Choose the redball, bathandle, or pistol grip control for your favorite action. NEW FEATURE — Gatelock allows you to lock in 8-way or 4-way action for the precise movement required by many maze games. . . a REAL plus!

Sug. Retail \$32.95  
ONLY \$24.95

# WICO

## COMMAND CONTROL™

## ARCADE ACTION!

Bring it all home with the finest in control devices from WICO, the world's largest manufacturer of game control devices. If you've ever played an arcade video game, chances are you've used a WICO joystick or trackball. . . and you know why they are so popular. Superior control, firing accuracy, incredible durability. The joystick designs are identical to the arcade units. Each unit is backed by a one-year limited manufacturer's warranty. All joysticks connect directly to Commodore and Atari compatible systems, and require an adapter for the 99/4A.

THE BOSS



## THE BOSS

This contoured, pistol-grip handle will make game playing a breeze! Fire button on handle. Five foot cord.

Sug. Retail \$19.95

19707

\$16.95

TI 99/4A ADAPTER. One adapter can accommodate up to two Atari-compatible joysticks.

10285

\$9.95

## SUPER STICK

\$7<sup>95</sup>

## THE ONE THAT WILL LAST!

Super stick offers a super low price, yet is more durable than most other joysticks. The key is a simple but sturdy design with fewer moving parts. The assembly withstands a breaking force of more than 50 pounds and has been tested to more than 500 continuous hours without a failure. Arcade reliability at an affordable price!

37321 Super Stick

\$7.95

from

**TG**  
PRODUCTS, INC.

# prostick II™

## ARCADE-STYLE JOYSTICK

BEST  
SELLER

**PROSTICK II.** "These are solidly-made joysticks that are easy to control in a wide range of games," says The Video Game Update newsletter. "The Prostick II fits comfortably in the hand and is easy to hold when placed on a flat surface," according to the Enthusiast 99 magazine.

The Prostick II implements a new, convenient firing technique. The fire buttons are positioned for the index finger. This allows quicker reaction time and less fatigue during play than when using the thumb on the fire button. Two buttons accommodate right or left-handers.

Another unique feature of the Prostick II is the "Switchable Gateplate." This allows the player to choose between the standard 8-position joystick movement (up/down, left/right, diagonals) and a 4-position movement only (up/down, left/right). Switching is easy — just lift and turn a small, plastic collar at the base of the joystick shaft. For maze games use 4-way action. Other games may need the regular, crisp, precise 8-way action. Also comes with **five year warranty!**

Sug. Retail \$24.95

37317 Prostick II, Commodore/Atari

\$19.95

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



# accessories

## COMPUTER DUST COVERS

### Attractive Protection for your Investment

Our dust covers are antistatic, translucent, 8 gauge vinyl, sewn to exacting standards with reinforced seams. These top quality covers are custom tailored with slots to accommodate cables and cartridges. Same size fits C64 and VIC20 console.

20638 C64/VIC20 Cover

\$4.95

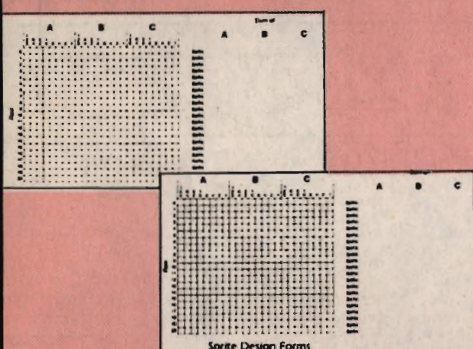
37336 C128 Cover

\$6.95

## GRAPHIC DESIGN FORMS

from **micro fal**®

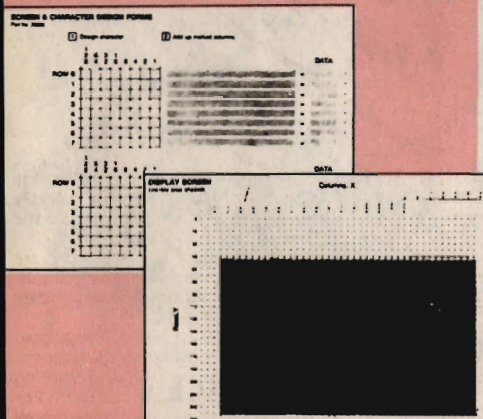
Even Michelangelo used assistants. Let these design aids help you lay-out tables and titles, sprites and characters. Produced specifically for the Commodore 64 system graphics. Printed in light blue on quality 8½x11 inch paper in convenient packages of 40 sheets each.



**SPRITE DESIGN FORMS.** Each sheet contains two sprite design grids with helpful coding reminders.

29708

\$2.49



**SCREEN AND CHARACTER DESIGN FORMS.** Each sheet contains two character design grids and easy coding reminders. In addition, each sheet has a viewing screen grid to aid in the positioning of sprites and characters.

29696

\$2.49

## CABLES from

**micro fal**®

**RS-232 CABLE.** For connecting to the 25 pin female RS-232 connector and to any RS-232 device with a 25 pin female connector: modems, printers with serial inputs, etc. Standard cable is five feet long with full 25 conductors, and terminated at each end with 25 pin male "D" connectors.

10055

Only \$24.95

**"CENTRONICS" CABLE.** Connects any device with a "Centronics" type output (36 pin female ribbon connector) to a printer with a parallel "Centronics" type input (36 pin female ribbon connector.) Standard length is five feet, with 36 conductors and 36 pin male ribbon connectors at each end.

29662

Only \$24.95

**JOYSTICK EXTENSION CABLES.** Play on your own terms. Each cable adds twelve feet of flexibility to your action.

29520

Only \$5.95

**MONITOR CABLE (COMPOSITE).** Interface your VIC20, C64, or C128 to any composite monitor. DIN connector plugs into computer, and RCA type plugs connect to monitor. Includes ear phone plug adaptor to connect to monitors with earphone type audio plug.

37424

\$7.95



**TOP DECK**

## TOP DECK Easy to Use Paper Catcher

If your printer paper gets tangled up with your cables, spreads over your tabletop, or makes you crawl under the table to find it, Top Deck is what you need! Neatly catches and stacks output for virtually every printer with or without a printer stand. Completely adjustable and self-storing. Durable enough for office use, but economical enough for the home.

37369

Sug. Retail \$39.98

\$33.95

## DISK DOUBLER

*Double your storage by using  
the unused side of your disks!*

The Commodore uses single sided disks. As you may have noticed, however, these disks actually have magnetic media on both sides. Even though the back side of a single sided disk isn't certified, in almost all cases it is identical to the front side in quality and capability. With our Disk Doubler, you can punch a new write protect notch on the opposite side of the disk and use the "hidden" second side. The Disk Doubler is easy to use — just slide the disk in, squeeze the button, and a perfectly located notch is punched in the disk jacket. No measuring, no guesswork... the notch is in exactly the right place each time! This handy device will pay for itself the first few times you use it.

Sug. Retail \$14.95

\$9.95

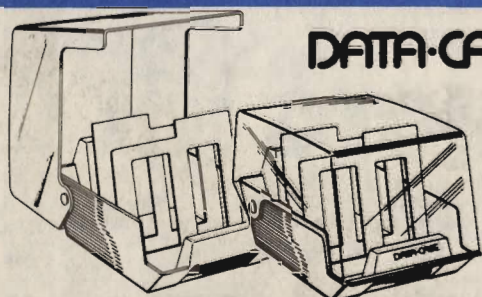
37374



TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



# software storage



**DATA-CASE.**



**INNOVATIVE CONCEPTS, INC.**

*Elegant and Effective Protection*

FOR ALL YOUR VALUABLE SOFTWARE!

•Stores and files up to 50 5 1/4" diskettes •For organized desk-top storage and use •Built-in carrying handle  
•Adjustable dividers and adhesive labels for organization in filing and retrieval •Made from durable styrene plastic.  
**32422**

**\$12.95**

All storage units from Innovative Concepts, the world leader in media protection, feature outstanding design engineering that combines the maximum in protection with superb ease of use. Attractive as well as functional.

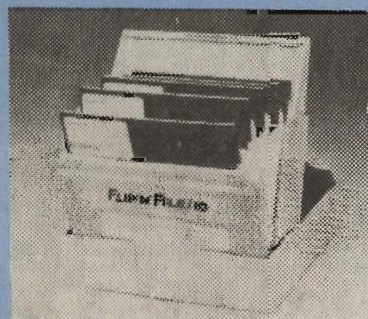
## DISK DRAWER

The ultimate in data security and work station efficiency! The Flip 'N' File Disk Drawer conveniently fits letter size desk drawers and regular or fireproof file cabinets. With the drawer open, your diskettes are conveniently at hand; with the drawer closed, they are out of sight and secure. Can also be used on a table or desk top as a work station. . . special handles allow easy carrying, but fold down and out of the way for desk top use. Unit includes tabbed dividers, index labels and removable vinyl cover.

**31735** Disk Drawer.

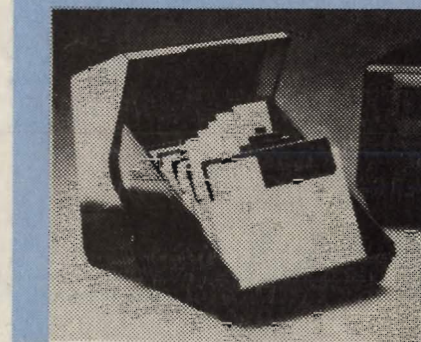
Holds up to 60 5 1/4" diskettes **\$15.95**

**31749** Disk Drawer. Holds up to 40 8" disks **\$19.95**



FLIP 'N' FILE/10 is great for using, transporting or storing up to 10 disks (5-1/4") efficiently and economically. When open, the front panel falls forward, providing easy access to the media. The unit snaps shut, protecting your software from dust and moisture. Compact and sturdy.  
**20150**

Sug. Retail **\$5.95**  
**\$4.95**



Flip 'N' File Diskette Storage System beautifully stores up to fifty disks (5 1/4"). The unit comes with five index dividers. The durable lid, produced in transparent smoke-colored plastic, also doubles as a carrying handle. Disks flip for easy identification and removal. Thousands sold at \$29.95

**10111**

**NOW ONLY \$17.95**

## Top of The Line

Flip 'N' File/25 and Flip 'N' File/50 holds 25 and 50 disks (5-1/4"), respectively, in contemporary styling with user-oriented engineering. A major feature is the non-magnetic lock and key offering extra security for your software investment. Special camming action brings the front panel forward as the transparent, smoke-colored lid is opened, presenting a ready work station. Every five disks are separated by plastic tab dividers for easier retrieval. When closed, the mechanism positions the disks horizontally to prevent warping.

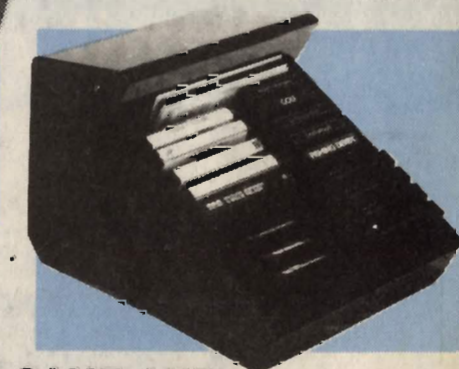
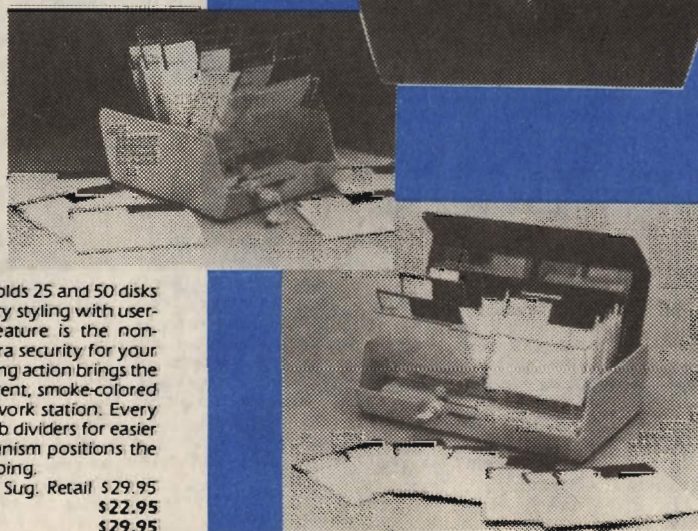
Sug. Retail **\$29.95**

**20783** Flip & File 25

**\$22.95**

**20798** Flip & File 50

**\$29.95**



## GAME AND CASSETTE FILE

Game and Cassette File efficiently holds up to 18 cartridges and/or tape cassettes and even has space for printed documentation. A transparent, smoke-colored dust shield swings open for access. Contemporary and sturdy. Thousands sold at \$29.95.

**10106**

**ONLY \$17.95**

**TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.**



# outlet strips/surge suppressors

## OUTLET STRIP

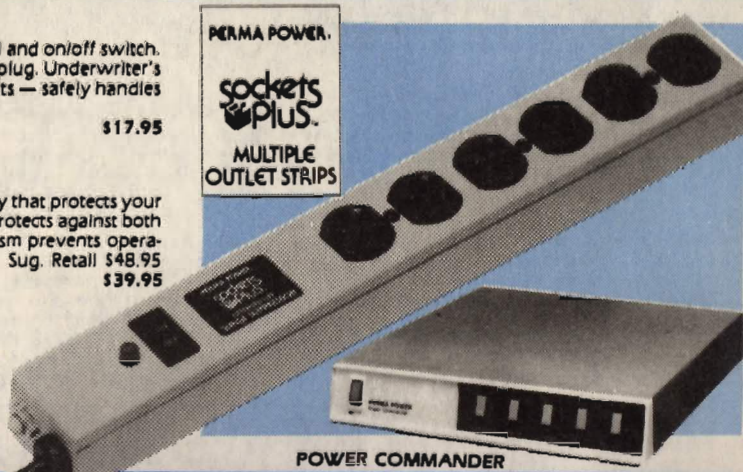
Includes six rugged three-pronged grounded outlets with pilot light, six foot power cord and on/off switch. Mounted in a sturdy metal case with a heavy duty six foot power cord and three prong plug. Underwriter's Laboratory listed. Meets or exceeds NEC and OSHA standards. Rated at 15 amps, 125 volts — safely handles an incredible 1875 watts!

## SURGE PROTECTION, TOO!

**SURGE SUPPRESSOR OUTLET STRIP.** Similar to above strip, but with additional circuitry that protects your valuable system from destructive power line surges resulting from lightning strikes, etc. Protects against both normal-mode surges and common-mode surges. Unique automatic shutdown mechanism prevents operation of unit in the event of suppressor circuit failure.

## POWER COMMANDER

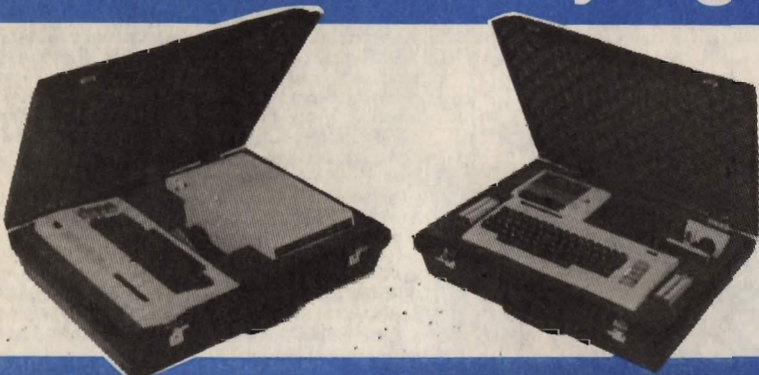
This combination power control center/surge suppressor unit provides individual control of up to five system components along with a master on/off switch. Also protects your equipment against voltage surges and spikes, intermittent line noise and static. Built-in circuit breaker protects against system overload. Five year warranty.



PERMA POWER.  
sockets & PLUS.  
MULTIPLE OUTLET STRIPS

\$17.95  
\$48.95  
\$39.95

# carrying case



## THE CASE FOR COMMODORE!

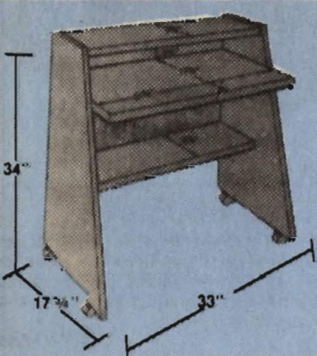
Whether you're looking for safe storage or safe transportation, this rugged and contemporary case from Travelmaster is for you. All you need at your destination is a TV or monitor. Double walled construction from charcoal colored high density polyethylene won't rust or corrode and will not crack even at -105°F! Chrome plated steel hinges and locking latches handle the road along with the large, luggage style handle. Interior is multilayers of die-cut, charcoal gray polyester foam; perfectly fitting your components. You can choose from two styles. The TCC holds the VIC-20 or C-64 console, power unit, and a single disk drive. The TCV holds the console, power unit, Datasette, four cassettes, cartridges, and two joysticks.

# furniture & computer care



## DELUXE HOME COMPUTER CENTER

Complete workcenter designed for organization and style. A full width top shelf provides eye-level viewing of monitor with room for other peripherals. The work area includes a full width 17-3/4" deep shelf for console, data recorder, etc. A convenient lower shelf stores manuals, software, and supplies. Finished in a medium-dark Hickory-grained vinyl veneer. Comes complete with casters for easy mobility. Required assembly is quick and easy using only basic tools. Shipped by UPS!



## COMPUTER CARE PRODUCTS



## Show Your System You Care!

**COMPUTER CLEANING SPRAY.** Aerosol cleans computers and monitors. Will not damage plastics. 14 ozs. 29713 \$5.95

**ANTI-STATIC SPRAY.** Stops the static control problem. Anti-static aerosol spray helps prevent equipment failure and data loss. 14 ozs. 29727 \$6.95

**DUST BLOWER.** Pressurized gas blows out dust from areas not usually accessible. Can save you big bucks later. 14 ozs. 29732 \$6.95

**ANTI-STATIC MAT.** A practical mat that really solves static problems. Protects against equipment failure, erratic data, and other static related problems. Large 17 3/4" by 26". Connects to ground (water pipe or grounded plug). 29746 \$79.95

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.



## books

**COMPUTERFACTS from SAMS**

Technical Service Data  
for Your  
Computer and  
Peripherals

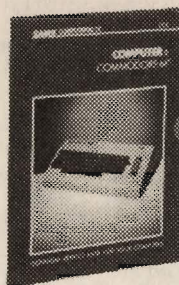
**\$17.95**

each

33477 Commodore 64 Computer  
33513 VIC-20 Computer  
33551 Commodore Plus/4 Computer  
33481 Commodore 1541 and VIC 1541 Disk  
Drives  
33496 Commodore 1525 Printer  
33508 Commodore C16 Printer  
33546 Commodore 1701 Monitor

Sams introduces COMPUTERFACTS™... packets of information that reveal the inner workings of major brand micros, monitors, printers and disk drives. Includes schematic wiring diagrams, parts lists, disassembly instructions, troubleshooting techniques, and other repair data.  
Sug. Retail \$19.95

35950 Gemini 10X Printer  
35964 Gemini 15X Printer  
33532 TI 99/4A Computer  
34610 Epson FX-80 Printer  
34624 Epson RX-80 Printer  
33527 Epson MX-80 FT Printer  
33458 Atari 400 Computer  
33462 Atari 800 Computer

**TAB BOOKS AUTOMATE YOUR HOME**

**COMMODORE 64 MICRO MANSION:** Using Your Computer to Have a Safer, More Efficient House. Author David Bonyage describes in easy to understand language what computer controlled home systems are and what you need to get your own home control systems up and running! Security, energy savings, appliance control — each area is described in detail. "Where to buy" information included. 176 pages.

34817 \$10.95

**ARTIFICIAL INTELLIGENCE PROJECTS FOR THE C64.** Explore the fascinating realm of artificial intelligence on your C64 or C128. Includes techniques to solve problems, simulate behavior, and process language. 160 pages.

37265 \$11.50

**COMMODORE 64 ASSEMBLY LANGUAGE ARCADE GAME PROGRAMMING.** Packed with 120 illustrations, this new guide makes it possible for anyone to master C64 assembly language techniques with the emphasis on producing entertainment software with professional quality. 256 pages.

37270 \$12.95

**1001 THINGS TO DO WITH YOUR C64.** 80 Microcomputing says, "An amazing collection of practical ideas and programs... enough ideas to keep you and your computer busy for 01100100 binary years!" 256 pages.

37284 \$9.95



**"UNDERSTANDING" SERIES**  
from TEXAS INSTRUMENTS  
Latest Revisions!

**UNDERSTANDING MICROPROCESSORS**

by Cannon and Luecke. For the newcomer to microprocessors. What they are, what they do, how they work. Presented in an easy-to-understand, individualized learning format. Includes applications and examples. Part of the TI Understanding Series books. 288 pages, soft cover, 1979.

19604 Revised Edition \$13.95

**UNDERSTANDING COMPUTER SCIENCE**

by R.S. Walker. How people use computers to solve problems. Covers fundamentals of hardware, software, and applications including program design, languages, data structures, resource management. Written in easy-to-understand language with practical examples. Part of the TI Understanding Series books. 280 pages, soft cover, 1981.

19623 Revised Edition \$13.95

**UNDERSTANDING DIGITAL ELECTRONICS**

by G. McWhorter. An ordinary calculator is used as the springboard into the world of today's electronic devices, circuits, and systems. What they are. What they do and how they are used. Learn about the current electronic revolution. Part of the TI Understanding Series books. 261 pages, soft cover, 1978.

19638 Revised Edition \$13.95

**UNDERSTANDING SOLID STATE ELECTRONICS (3rd Ed.)**

by TI Staff. This book was created for anyone who wants to understand solid state electronics but can't devote years to the study. Concepts and theory are explained using simple arithmetic and layman's language. Soft cover, 270 pages/168 illustrations.

20695 Revised Edition \$13.95

36

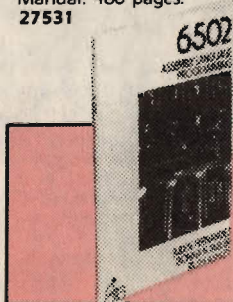
**TENEX**  
*Computer*  
*Express*

T.M.

**C64 Programmers Reference Guide.**

A must for any serious user of the Commodore 64, this guide permits you to make full use of the computer's vast capabilities. Designed as a comprehensive reference guide for those who want to expand beyond the applications and instructions given in the User's Manual. 486 pages.

27531 \$16.95



**A SHORTCUT THROUGH  
ADVENTURE-LAND—  
Volume II**

by Richard Lynn Owen, Paul Ashley and Michael W. Sloane. "A must for anyone who plays InfoCom adventure games!" This book presents solutions to today's most popular text adventure games. The selections include Zork I, II and III, Enchanter, Starcross, Suspended, Planetfall, Deadline, The Witness and Infidel. Includes room definitions, hints and explanations and a special "how to win" section. From Datamost.

30484

\$8.95



**At Last! A Complete Course  
In Assembly Language  
Programming**

**COMMODORE 64 ASSEMBLY LANGUAGE PROGRAMMING**

Derek Bush and Peter Holmes

Mastering assembly language programming can be a daunting task for the computer user. Now this complete, self-paced course combines text and software to guide the beginner through the essentials of assembly language programming, including branching, screen display, addressing modes, interrupts, macro instructions, floating-point calculations, and using the Commodore 64's built-in subroutines.

The book provides a carefully sequenced context for explaining assembly language programming while maintaining the user's interest and understanding. The text is interspersed with numerous exercises to reinforce the learning experiences, and detailed explanations are given for the exercise solutions. Valuable appendices detail the 6510/2 microprocessor instruction set and list the Commodore 64 ROM with conversion cross-references to the VIC and PET microcomputers.

The software complements the content of the text. It consists of a full-featured assembler and a binary hexadecimal conversion tutor. A series of exercises on the diskette enables users to apply what they have learned in actually working on the computer. 240 pages.

From Hayden Book Co. Sug. Retail \$29.95

37299 Book and C64 Disk \$24.95

37302 Book and C64 Cassette \$24.95

**PROGRAM CONVERSION!****THE BASIC BOOK — A CROSS-REFERENCED GUIDE**

**OF THE BASIC LANGUAGE** by H.L. Helms. A great tool for converting programs from one machine to another. This book is a reference to the most popular versions of BASIC: Apple, Atari, Texas Instruments, Commodore PET, IBM, 4nd TRS. Includes cross-reference chart and special graphics section. Softbound, 128 pages. From McGraw-Hill.

21819 \$8.95

**6502 ASSEMBLY LANGUAGE PROGRAMMING.** By Judi N. Fernandez, Donna Tabler & Ruth Ashley. Now even beginners can take advantage of the speed and efficiency of assembly language programming. This book takes Commodore 64 owners through the entire instruction set, offering hundreds of opportunities to practice coding typical routines. 227 pgs., paperback. From John Wiley & Sons.

26135 \$14.95

**TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.**



# INFORMATIVE AND ECONOMICAL COMPUTE! BOOKS



**Compute's First Book of 64 Sound and Graphics.** Clear explanations of the 64's sound and graphics capabilities. Includes many tutorials and example programs. "Music-Master", a complete music synthesizer, "High Resolution Sketchpad", an all-machine-language program for making computer art, and "Ultrafront Character Editor", one of the best character editors available. The appendices feature useful reference charts and conversion tables. 275 pages, paperback. Spiral bound. Sug. Retail \$12.95  
**25925 \$11.50**

**Compute's Reference Guide to Commodore 64 Graphics.** A complete tutorial on Commodore 64 graphics. Noted Commodore author John Heilborn explains how to program sprites, multicolored screens, animation, custom characters, and more. Beginners will like the step-by-step instructions and clear example programs. Advanced programmers can build up their tool kit with the character editors, sprite editors, screen design program and other useful utilities. 218 pages paperback, spiral bound. Sug. Retail \$12.95  
**25944 \$11.50**

**MAPPING THE COMMODORE 64.** A comprehensive memory map and programming guide for intermediate and advanced programmers. Sug. Retail \$18.95  
**37227 \$16.95**

**COMPUTE'S MACHINE LANGUAGE ROUTINES FOR THE C64.** Complete machine language programs and easy to use routines make your C64 more powerful and versatile. Sug. Retail \$14.95  
**37232 \$12.95**

**COMPUTE'S COMMODORE 64/128 COLLECTION.** Some of the best games, applications, and utilities from COMPUTE! publication, are collected in this new volume. All run on the 64 and the new 128 (in the 64 mode). A special section covers the advanced features of the C128. Sug. Retail \$12.95  
**37246 \$11.50**



## Elementary Commodore 64

**ELEMENTARY COMMODORE 64** by William B. Sanders. Chapters lead you through the process of hooking up the computer, loading and saving programs on either disk or tape and using the powerful cursor commands for easy correcting. Teaches basic programming skills. Contains sample programs, glossary. Handy spiral binding. From DataMost.  
**19642 \$14.95**

## WHAT COMMODORE DIDN'T TELL YOU...

Abacus, leading producer of utility software and programming languages for the Commodore home computer, is also a leading publisher of books that explain many of the lesser known features of the Commodore line and show how to program new applications that tap the hidden power of the C64 and C128!

**THE MACHINE LANGUAGE BOOK OF THE C64.** A great starter volume for programmers who want to go beyond BASIC and take advantage of the speed and performance of machine language, this volume also includes three complete program listings — an assembler for writing your own programs, a disassembler to inspect other machine language programs, and an amazing 6510 simulator to "see" the operation of the processor right on the screen. 215 pages. Sug. Retail \$14.95  
**37073 \$12.95**

**ADVANCED MACHINE LANGUAGE BOOK.** Great for serious programmers and for enthusiasts who have completed "The Machine Language Book" above. This volume covers many previously undocumented areas, including programming the video controller, timer and real time clock; performing serial and parallel output at machine language speed; new commands for BASIC; handling interrupts from the CIA; and dozens of time-saving tricks and tips. 210 pages. Sug. Retail \$14.95  
**37087 \$12.95**



**THE ANATOMY OF THE COMMODORE 64.** Now in its fourth printing! Includes chapters on graphics, sound synthesis, input/output control, kernel routines, assembler language programming, music synthesizer programming, PLUS a complete disassembled and documented ROM listing. 300 pages. Sug. Retail \$19.95  
**37092 \$17.95**

**THE ANATOMY OF THE 1541.** Takes the mystery out of the 1541 disk drive! This guide, now in its fourth printing, details the use of program, sequential, relative, and direct access files. Includes many sample programs — FILE PROTECT, DISK MONITOR, BACKUP, MERGE, COPY and more. Describes internals of DOS with completely disassembled and commented listing of the 1541 ROMs. A must for the serious programmer. 320 pages. Sug. Retail \$19.95  
**37105 \$17.95**

**1541 REPAIR AND MAINTENANCE BOOK.** Pays for itself! Compared to other drives, the 1541 seems to have a few idiosyncracies — this volume will help you both maintain and repair your 1541 at much lower cost than outside repair services. Tells you how to test the alignment and how to realign quickly. Includes hints for correcting errors, digital and electronic techniques, PLUS schematics. Sug. Retail \$19.95  
**37110 \$17.95**

**GRAPHICS BOOK FOR THE C64.** This massive volume takes you from the fundamentals of graphics to advanced topics like computer aided design. Subjects include: creating new character sets, sprite design and movement, high resolution and multicolor graphics, programming for the light pen, VIC chip control, IRQ handling, shifting the screen, memory, 3D graphics, animation, and much more. Lots of examples to make learning and doing easy! 350 pages. Sug. Retail \$19.95  
**37124 \$17.95**

**PEEKs and POKEs FOR THE C64.** This book contains dozens of useful "quick-hitters" for the BASIC programmer. Describes the video display, graphics, sprite, and sound chips, keyboard, joystick, game paddles, light pen, and user port. Great for adding speed and performance to BASIC programs. 200 pages. Sug. Retail \$14.95  
**37139 \$12.95**

## Abacus Software

YOU CAN COUNT ON



**ADVENTURE GAMEWRITERS HANDBOOK.** A step-by-step guide to designing and writing your own adventure games. You'll learn the strategy behind programming adventures — motivating the players, using text and/or graphics, "saving" a game, and more. Includes a complete, ready to run listing for an automated adventure game generator with editor and interpreter. 225 pages. Sug. Retail \$14.95  
**37213 \$12.95**

**SCIENCE AND ENGINEERING FOR THE C64.** Statistics, Chemistry, Physics, Biology, Astronomy, Electronics — the C64 can be a powerful tool for scientific and engineering calculations — this book shows you how. Covers variable types and computational accuracy. Includes sort algorithms such as bubble, quick, and shell sort and POKES useful in solving scientific problems. Topics include linear and nonlinear regression, CHI — square distribution, Fouries analysis, matrix calculations, and more. Includes many program listings. 340 pages. Sug. Retail \$19.95  
**37143 \$17.95**

**NEW! CAD FOR THE C64 and C128.** Computer Aided Design is one of the hottest new areas in computing and this book shows how many CAD techniques can be implemented on the C64 and C128. Learn about 3D drawing, reflection, duplication, filling, zooming, and more. Sug. Retail \$19.95  
**37196 \$17.95**

**TRICKS AND TIPS.** What Commodore won't tell you! Covers many hard to solve programming problems, including advanced graphics, easy data input, POKES, user defined character sets, joystick/mouse simulation, transferring data between computer, and more. 275 pages. Sug. Retail \$19.95  
**37158 \$17.95**

**MORE TRICKS AND TIPS.** The perfect companion volume to Tricks and Tips, this brand new volume covers software protection, manipulating list function, CHRGET routines, changing the IRQ routine. Includes information on graphics, games, interrupts, the operating system, the kernel, memory and hardware tips. Sug. Retail \$19.95  
**37162 \$17.95**

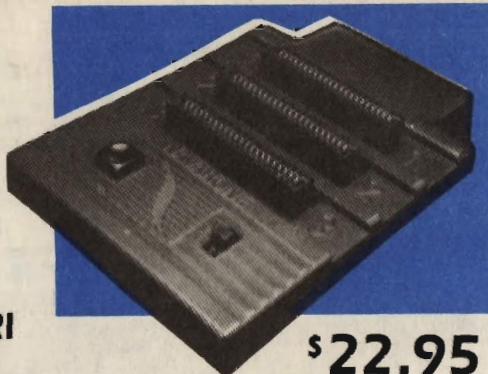
**COMPILER BOOK FOR THE C64 and C128.** Whether you are just interested in learning how compilers work or want to design your own computer language, this volume will be an invaluable resource. Includes complete assembler and disassembler. Sug. Retail \$19.95  
**37177 \$17.95**

**PRINTER BOOK FOR THE C64 and VIC 20.** The ultimate printer reference for Commodore owners! Includes "how to" interfacing info, using secondary addresses for various printers, using printer ports and the principles of printing graphics, utilities and programs for graphics and text hardcopies, formatting program listings, and more. 340 pages. Sug. Retail \$19.95  
**37181 \$17.95**

**IDEAS FOR USE ON YOUR C64.** Not getting enough use out of your computer? Here are dozens of ideas presented in a very easy to understand manner. Topics include recipe files, auto expense tracker, store window advertising, strategy games, computer poetry, and more. All programs are ready to key in and use. 220 pages. Sug. Retail \$12.95  
**37208 Now Only \$9.95**

**TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.**





**\$22.95**

## SAVE YOUR COMPUTER! SIMPLIFY YOUR LIFE!

Stop wearing out your computer with endless cartridge swapping! This three-slot cartridge expander from Navarone keeps your most commonly used cartridges plugged in and ready for instant selection! Also lets you reset the computer independently of the power switch. This saves wear and tear on the cartridge and the computer! Save yourself one repair job and the cartridge expander has paid for itself several times over. The cartridge expander is great for Fast Load, too - keep it permanently plugged in and select or deselect as desired. Vertical slot design eliminates blind fumbling in back of the computer, too. A great buy! From Navarone.

33227 Three-slot Cartridge Expander

Sug. Retail \$29.95  
\$22.95

## THE micro fil<sup>®</sup> 79¢ DISKETTE!!

### Are You Paying Four Times Too Much For Diskettes?

We recently surveyed a variety of computer supply catalogs, and found 5 1/4" single-sided, double-density diskettes priced as high as \$4.60 each. ...more than FIVE TIMES the price of our high quality diskettes. That's a big difference!

### First Quality, Great Price!



These diskettes are first quality, prime diskettes (no seconds). We've made a special purchase of these diskettes, and can offer them to you at an almost unbelievable price.

### Can't Believe The Price?!

Try them out and be convinced. These disks are packaged in boxes of 50; each box contains 5 shrink-wrapped 10-packs that include diskettes in sleeves, labels and write-protect tabs. Each diskette is individually certified to be 100 percent error free at levels equal to or above ANSI ECMA and ISO standards. All diskettes include hub reinforcement rings and write protect notch.

### Lifetime Warranty Plus Risk Free Trial!

We offer a double guarantee of satisfaction:

- 1) All diskettes are backed by a lifetime warranty. If you ever have a problem, we'll replace the diskette.
- 2) We understand that you may wonder if this low price comes with a "catch" of some kind. To let you discover what a great value these diskettes really are we'll let you try them risk free. Buy a box. If within 30 days you aren't happy with the diskettes for any reason, return them to us for a prompt refund. No questions asked!!

Part No.	Description	Box of 50
32391	5 1/4" Single-Sided, Double-Density Diskettes	39.50 (79¢ each)
32403	5 1/4" Double-Sided, Double-Density Diskettes	49.50 (99¢ each)

### SPACE SAVING, ECONOMICAL PRINTER STAND



This efficient printer stand is priced right for homes and small offices. Features heavy duty welded steel wire construction with vinyl coating. Another plus...the printer is held at an angle that makes it much easier to see your output as it is being printed.

Available in two widths: 12" for most 80 column printers, and 18" for most 132 column printers.

33232 12" Printer Stand \$14.95  
33246 18" Printer Stand \$22.95

-For more information, see page 27-

### If You Have Questions About Your Order...

For questions about your order, call (219) 259-7051 between 8 am and 7 pm Eastern Standard Time, Monday through Friday. No collect calls, please.

For faster service, provide us with the date of order, your customer number, order number, items in question, how order was placed, and name as it appeared on the order.

### SHIPPING & HANDLING CHARGES

ORDER AMOUNT	CHARGE
less than \$20.00	\$3.75
\$20.00-\$39.99	4.75
\$40.00-\$74.99	5.75
\$75.00-\$149.99	6.75
\$150.00-\$299.99	7.75
\$300 & up	8.75

## ABOUT YOUR ORDER

Your charge card is never billed until your order is shipped! If we must send you partial shipments, your charge card is only billed for the items shipped.

**SHIPMENT.** Most items are shipped via UPS. Other modes of shipment include Parcel Post and, for certain heavy items, common truck carrier. We try very hard (and usually succeed!) to ship in-stock items within 48 hours of receiving your order. Items not in stock may require 2-6 weeks.

**DAMAGE.** We inspect each item before shipment. Please examine your packages carefully when you receive them, and REPORT ANY DAMAGE TO THE CARRIER. No replacement merchandise can be issued unless a damage claim has been filed with the shipper.

**RETURNS.** Defective products may be returned for replacement within 30 days of receiving them. Items returned for replacement MUST include original packaging materials and any manuals, cables, warranty cards, etc. Included in the original package. (For your convenience and protection, do not discard packaging materials or mail in warranty cards until you are certain the product is working properly.) Please write or call our Customer Service Department for a Return Authorization Number prior to returning any items to TENEX. All returns must be shipped to TENEX freight prepaid. All items are subject to inspection by TENEX prior to issuance of replacement merchandise. Please do not ask us to accept returns of items in working order, or to provide items other than exact replacements for defective products.

**ALASKAN, HAWAIIAN, CANADIAN AND FOREIGN ORDERS.** All payment must be in U.S. Dollars. Checks drawn on Canadian or foreign banks cannot be accepted. Canadian Postal Money Orders payable in U.S. funds are acceptable. VISA, Mastercard or American Express are the preferred methods of payment. Alaskan, Hawaiian, Canadian, Puerto Rican orders: add \$4.00 to shipping and handling charge to cover postage and insurance cost. Contact us about charges for bulky and/or heavy items. Foreign orders other than above: add \$8.00 to shipping and handling charge. If ordering large or heavy items, consult desired carrier for estimated freight charges and include with order, or contact us prior to ordering for a freight estimate. If funds included with order are inadequate to cover shipping costs, we will notify you by airmail. Postage or freight and insurance charges will be billed at actual cost on credit card orders.

**PRICES.** All prices are subject to change without notice. You will be notified of any change at the time of order placement, or prior to shipment on a non-stock item.

**SPECIFICATIONS AND PRODUCT AVAILABILITY.** Specifications and product availability are subject to change without notice. We have made every effort to be accurate in the specifications and descriptions included in this catalog, but cannot guarantee accuracy or completeness of said specifications and descriptions.

**PAYMENT METHODS:** For fastest shipment, VISA, MASTERCARD, AMERICAN EXPRESS, a cashier's check, certified check, or money order may be used. Personal checks are also welcome—please allow about 10 extra days for shipment. Purchase orders will be accepted from qualified institutions and firms; please inquire.

**IF ORDER FORM HAS ALREADY BEEN USED,** please write your order on a plain sheet of paper or order by telephone using our convenient toll-free number. If you send your order on plain paper, be sure you include your name and address, the catalog number of each item ordered, and the appropriate shipping charge. If you would like us to send you additional order forms, please write or telephone us.

**WARRANTIES.** All of the products offered by TENEX feature a manufacturer's warranty or guarantee. Information about the type or length of coverage of any item is available by calling or writing our Customer Service Department. Generally, warranty service on equipment can be obtained by either shipping or taking the unit to the nearest service location for that manufacturer, along with your receipt and/or other information required by the manufacturer.

### BUSINESS HOURS

Our Customer Service Department is available to serve you from 8 a.m. to 7 p.m. Eastern Standard Time, Monday-Friday.  
Toll free order line 1-800-348-2778; or call 1-219-259-7051



**TENEX**  
**Computer**  
**Express**

•No extra charge for credit card orders•



**\$7.95**  
Retail  
Value

# FREE OFFER!

**Hurry—  
Supply  
Limited**

**FREE DUSTCOVER WITH ANY ORDER OVER \$50.00**

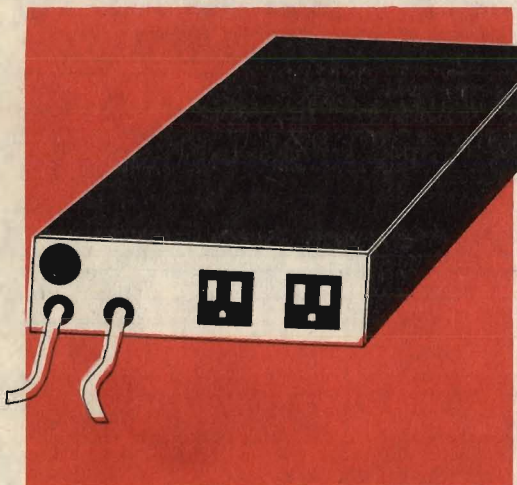
WHILE SUPPLY LASTS, RECEIVE A **FREE** HEAVY GAUGE, ANTISTATIC VINYL DUST COVER FOR YOUR C-64 OR VIC-20 WITH EVERY ORDER OVER \$50.00! ORDER NOW!

This is the same cover that many retailers sell for \$7.95 and up, and we offer to our customers at the low discount price of \$4.95. It is made of 8 gauge vinyl, sewn to exacting standards with reinforced seams. Special slits and cutouts accommodate cables and cartridges.

To receive your free cover, when you order \$50.00 or more of our regular merchandise, order catalog number 20638 and write "free" on the order form in the price column. (On phone orders, advise the customer service representative that you want catalog number 20638, and that it is free with your order.)

## POWER and PROTECTION FOR YOUR C-64!

### POW'R PAK 64



Pow'r Pak is a replacement power supply (1.5 amp) for the Commodore 64. . .but that's not all! Pow'r Pak also supplies two additional surge protected outlets (120V) for monitor, disk drive, or other peripherals. On/off switch. Fuse protection. Sturdy all-metal casing is ventilated for heat dissipation. Full 1 year warranty.

**34910**

**\$49.95**

**TENEX  
Computer  
Express**

**TELARIUM™**

**SPINNAKER**  
We make learning fun.

**\*BUY 3 GET 1 FREE OFFER!**

When you purchase any combination of three titles from Telarium (see page 4), or Spinnaker (see page 9) software. . .the manufacturer will send you another software package of your choice **FREE!** Don't miss this chance to expand your software library with these quality programs. Order today!

**Buy 3 Get 1 Free Offer details will be included with your order.**

## COMPUTEREYES™



Now you can capture real-world images on your computer's graphics display. COMPUTEREYES is an innovative device that connects between any standard video source (video tape recorder, video camera, video disk, etc.) and your C64. In only six seconds, a black and white image is captured using simple software. Unique multi-scan modes also provide realistic grayscale images. Images can be saved to and recalled from disk.

Package includes interface module, complete, easy to use software, documentation, and one year warranty.

Great for education, art, security, pattern recognition, robotics and artificial intelligence experiments and just plain fun.

**38094 Computereyes, Disk**

Sug. Retail **\$129.95**

**\$119.95**

The following are registered trademarks or service marks of the respective organizations and are used to describe various products throughout this publication.

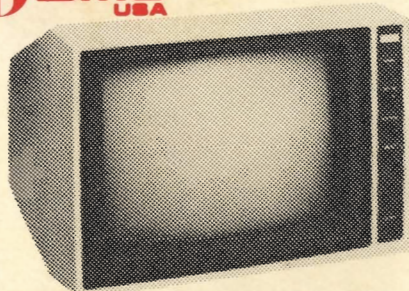
ACCESS SOFTWARE: Access Software, Mach 5, Screenshot, Raid Over Moscow, Beach Head II, Beach Head, Neutral Zone  
DOUGLAS ADAMS: Hitchhiker's Guide To The Galaxy  
APPLE COMPUTER INC.: Apple  
AVALON HILL: Microcomputer Games, Sports Illustrated  
BANKIER COMPANIES: Top Deck  
BATTERIES INCLUDED: Paper Clip, The Consultant, 8.1-80  
BRODERBUND SOFTWARE: Print Shop, Print Shop Graphics Library, Broderbund Software, Bank Street Writer  
BUSH INDUSTRIES, INC.: Bush  
CBS: Felony, Murder By The Dozen, Learning Bridge Made Easy, The Railroad Works  
CHILDREN'S TELEVISION WORKSHOP: Sesame Street, Easy Key, Letter-Go-Round  
COLLEGE ENTRANCE EXAMINATION BOARD: SAT  
COMMODORE BUSINESS MACHINES, INC.: Commodore 64, VIC-20, C-128  
COMPUERVE, INC.: Compuerve  
COMPUTER PUBLICATIONS, INC.: Computer  
COMPUTER ED SOFTWARE: Hot Accounts  
CONTINENTAL SOFTWARE: Continental Software, The Home Accountant, The Tax Advantage  
CREATIVE SOFTWARE: Ghostbusters, I am the C64  
DATAMOST, INC.: Datamost, Inc.  
DATA SHARE, INC.: DSI, PPI, Multipoint Data Switch  
DELL PUBLISHING CO.: Dell  
THE EINSTEIN CORPORATION: Einstein, Memory Trainer  
ELECTRONIC ARTS: Electronic Arts  
EPSON CORPORATION: Epson, XL-80, FX-85, FX-185, JX-80  
EPYX: Epyx, G.I. Joe, Barbie, Summer Games, Summer Games II, Temple of Apshai, Upper Reaches of Apshai, Curse of Ra, Gateway to Apshai, Dragonriders of Pern, Swoard of Fargoal, Fast Load  
EVOLVING TECHNOLOGY CO.: Computer Crosswords  
FISCAL INFORMATION, INC.: Lt. Kernal  
GAMESTAR: Gamestar, On Court Tennis, On Field Football  
HEURISTIC SOFTWARE: Webster: The Word Game  
INDUS SYSTEMS: Indus  
INFOCOM: Infocom, Zork I, Zork II, Zork III, Suspended, Starcross, Deadline, Witness, Planetfall, Infidel, Sorcerer, Seastalker, Spellbreaker, Wishbringer, Suspect, Enchanter, Invisibles  
INFO DESIGNS, INC.: Info Designs, Inc., The Sales Edge, The Negotiations Edge, The Management Edge, The Communication Edge  
INKWELL SYSTEMS: Flexidraw  
INNOVATIVE CONCEPTS: Flip 'N' File, Data Case  
JASCO PRODUCTS CO.: Jasco  
KERON PRODUCTIONS, INC.: T. Rex  
KRIVA SYSTEMS, INC.: Typing Tutor III  
3 M COMPANY: 3M, Scotch  
MICROCOMPUTER WORKSHOPS: Success With Math  
MICROSPHERE: MicroPal  
MINDSCAPE: Sprout, Pixelwerks  
MUPPETS: Astro-Grover, Big Bird's Funhouse, Big Bird's Special Delivery  
MUSE: Muse, Smart Start, Castle Wolfenstein, Beyond Castle Wolfenstein  
NEWPORT CONTROLS: Prossick II  
NEW YORK TIMES CO.: The New York Times  
PARSEC RESEARCH: Superforth 64 + AI  
PENGUIN SOFTWARE: Penguin  
PERMA POWER ELECTRONICS, INC.: Perma Power  
PRACTICORP INTERNATIONAL: Practicorp, Practicaic, Practicaic Plus, Practicaic  
PROFESSIONAL SOFTWARE: Fleet System 2  
HOWARD W. SAMS & CO., INC.: Sams, Computerfacts  
SCARBOROUGH SYSTEMS: Phi Beta Filer, Master Type  
SIERRA ON-LINE INC.: Sierra  
SOFTIE INC.: Softie  
SOURCE TELECOMPUTING CORP., a subsidiary of Reader's Digest: The Source  
SPINNAKER SOFTWARE: Spinnaker, Telarium, Fahrenheit 451, Rendezvous With Rama, Dragonworld, Amazon, Shadowkeep, Alphabet Zoo Kindercomp, Kids on Keys, Facemaker, Delta Drawing, Fraction Fever, Up for Grabs, Cosmic Life  
SPRINGBOARD SOFTWARE, INC.: Springboard, Early Games for Young Children, Stickers, Easy As ABC, Music Maestro, Make A Match, Rainbow Painter, Puzzle Master, Mask Parade  
STAR MICRONICS, INC.: Star  
SUNCOM: PO The Party Quiz Game  
SUNKYONG, INTERNATIONAL: SKC  
SYSTEMS MANAGEMENT ASSOCIATES: Promal  
TECH SKETCH: Tech Sketch, Music Port  
TIMEWORKS, INC.: Sylvia Porter's Financial Planner, The Electronic Checkbook, Timeworks, Evelyn Wood Dynamic Reader, Cave of the Word Wizard  
WICO: WICO, The Boss, Command Control, Three-Way Deluxe  
UNITED FEATURE SYNDICATE: PEANUTS Characters  
UNITED PARCEL SERVICE OF AMERICA, INC.: UPS, United Parcel Service

T.M.

**TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.**



## Super Resolution Monochrome Monitor



Exceptionally clear and distinct graphics and text are produced on this 12 inch green phosphor screen BMC monitor. All solid state circuitry allows us to offer you this superb quality instrument for an incredible price. Comes complete with controls for horizontal, vertical, height, contrast, brightness, and vertical linearity. A sheer joy for the serious programmer or business user. This monitor offers a minimum resolution of 800 dots. Compatible with most popular computers. Dimensions: 12.6"(W)x11"(H)x12.1"(D), 15.5 pounds.

23212 Sug. Retail \$129.95  
Only \$89.00

**Monitor Cable Composite.** Interface your VIC20, C64 or C128 to any composite monitor. DIN connector plugs into computer, and RCA type plugs connect to monitor. Includes ear phone plug adaptor to connect to monitors with earphone type audio plug.

37424 \$7.95

## TWO PRINTERS?



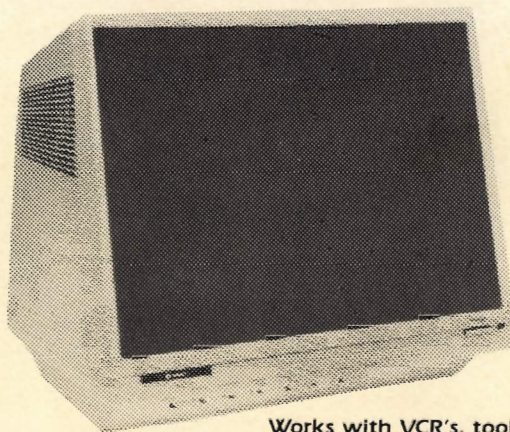
Now it's easy to switch from one printer to another with the **Multiport Data Switch** from DSI! This time saving device allows you to hook up two parallel printers to a single parallel output. Features three 36 pin female connectors (one incoming, two outgoing). Switch from one to the other with the turn of a dial... no need to bother plugging and unplugging cables ever again! Also allows two computers to share one printer.

33602 Multiport Data Switch Sug. Retail \$119.95  
33570 Parallel Cable (36 pin to 36 pin) \$24.95

## TIRED OF PLAIN PRINTING PAPER? BORING BANNERS? HO-HUM HANDOUTS?

Wake up your copy with **ASTROBRIGHTS** color paper! This three-color assortment pack provides you with 100 sheets each of sky blue, cherry red, and autumn gold continuous sheet, 60 pound paper for your tractor feed printer!!

Astrobright paper is the perfect partner for the PRINT SHOP program (see page 18). Adds excitement to postcards, signs and posters... even greeting cards. 37439 Printer Paper - Color Assortment Pack (300 sheets) \$17.95



## Color Display Monitor

Enjoy the brilliant, vivid color graphics and text possible only with this superb quality solid-state, composite video monitor. Fully compatible with Commodore, TI, and other popular computers, the large 13" screen offers superb resolution of 350 by 350 lines. The sturdy and attractively styled light beige cabinet also houses a built-in speaker. So, for the kind of color graphics demanded by the new software, or for running a high resolution action game, you have a clear advantage with this monitor. Also imagine your video tape player producing monitor-quality programs on this unit! Convenient front panel houses controls for horizontal, vertical, brightness, contrast, tint, color, and volume. Easily connects to your Commodore and other popular computers with monitor cable. Dimensions: 14.7"(W)x13.4"(H)x16.5"(D), 24 pounds. 23226

Only \$199.00\*  
\*Limited time offer

Works with VCR's, too!  
Design May Vary



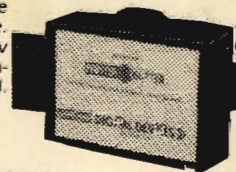
Sug. Retail \$399.00  
Regular Low Tenex Price \$239.00

**SPECIAL PURCHASE**  
For A Limited Time  
**ONLY \$199.00**

## TIED UP BY PRINT TIME? Cut Output Time to Seconds Instead of Minutes



We were astonished when we tried out the new 64K printer buffer. We connected it between our computer and a daisywheel printer and cataloged a disk to the printer. To our amazement, the printer had just banged out the first few characters when the computer completed the task and asked for our next command. While the printer continued merrily on its way, we were able to use the computer totally independently. This was so much fun we tried it on word processing, mail lists, and other printing tasks—and were thoroughly impressed by the printer buffer's speed and versatility. Imagine printing a lengthy document in seconds instead of minutes! Think of the increase in personal productivity—while the printer is still working on one document, you can be loading and editing the next! The printer buffer will receive print data at rates up to 8000 cps and then send it to your printer at the printer's own print rate, freeing the computer for your next job. With 64K of usable RAM, the buffer has enough memory to hold approximately 45 pages of double spaced text or numerous pages of detailed graphics. Because the printer buffer has its own power supply, it will continue to hold data even if the computer or printer is turned off, or is off line. Start saving time now! Order your 64K printer buffer today at our low introductory price of \$99.95. The buffer works with most parallel compatible computers and printers, plotters or modems. It's easy to install. Just plug it in and it goes to work!



64K  
Printer  
Buffer

### ACTUAL TIME COMPARISON

	WITHOUT PRINTER BUFFER	WITH PRINTER BUFFER		
	Gemini 10X direct connect to parallel output	Computer-to-Printer Buffer	Print Time Gemini 10X (120 CPS)	Print Time SCM TP-1 (12 CPS)
1 Page Business Letter	40 sec.	4.5 sec.	28 sec.	2 min. 50 sec.
8 Page Text Document	8 min. 10 sec.	46 sec.	5 min. 43 sec.	(not tested)

Not only does the printer buffer allow the computer to become available for other use within seconds, it even can result in substantially lower print times! (all tests were run on a TI 99/4A with parallel output; results will be generally similar for other computers and printers.)

34888 64K Printer Buffer

Sug. Retail \$149.95 **ONLY \$99.95**

We're the big company that gives you personal service. Join the thousands of our satisfied customers who have saved money without sacrificing a bit of quality or service. All products are brand new, latest merchandise, in the original package, and with full manufacturer's warranties. Shipped from our warehouse direct to your home by UPS. Happy customers are our business.

TOLL FREE ORDER LINE 1-800-348-2778. INFORMATION 1-219-259-7051.  
ORDER STATUS HOTLINE 1-219-259-7053.

IBC



MODEL 808  
**100 cps**  
MODEL 1080  
**140 cps**

**MODEL 808**

**SQUARE DOTS  
FOR BETTER TYPE**

Legend's newest line of printers offers outstanding quality at a breakthrough price. At full retail price these printers would be an outstanding value — at our low discount price, you can buy printer features and performance that you might pay twice as much for someplace else! Both the 808 and 1080 feature Legend's unique square-wire print-head for denser, better looking characters. The print head is even guaranteed for life! Other features include bi-directional, logic seeking print, and both friction **and** tractor feed so that you can use perforated computer paper, regular sheet paper, or even forms and envelopes. Legend printers use standard Epson commands, and accept a parallel input so that your printer will be compatible with virtually all standard software and hardware. The Legend printers are easy to interface with your Commodore, too — just select any one of the printer interfaces shown inside the catalog. (Check with our Customer Service Department for interfacing info for other computers.) A special mylar ribbon makes clean, dark characters. Another plus: labeled, top mounted switches replace the DIP switches that many printer manufacturers hide on the back of the printer where they're hard to change. Throughout, the Legend printer line has been designed with you in mind — they're easy to use, offer great performance and features, and are a fantastic value at our low prices!

**LEGEND 808.** We aren't exaggerating when we say that the 808 is the most printer for the least money we've ever offered! Fast 100 character per second printer speed, tractor and friction feed, square wire printhead, characters and graphics mode, type styles that include standard, enlarged and compressed — features like this are normally found in printers costing twice as much. A one line buffer is built in to improve throughput. Operate in single or double strike mode for near-letter quality.

Sug. Retail \$199.00

**35030 Legend 808 \$159.00**



## GREAT FEATURES!

- Lifetime printhead warranty
- Friction and tractor feed
- Top mounted control switches
- Bi-directional, logic-seeking

**LEGEND 1080.** For the user who demands maximum printer performance, the Legend 1080 delivers 140 characters per second plus super looking square dot type — perfect for business, home or school. Top mounted dip switches allow selection of 12 different functions. (The dip switch directions are right there on the switch panel cover — no more hunting for the manual or searching for the proper setting.) Character mode features 7x8 dot characters in an 8x9 matrix; graphics mode is 640 dots serial/line, 8 dots parallel. Type modes include standard, enlarged, compressed, compressed/double width, and double-strike for near letter quality. A big 2K buffer maximizes throughput and print speed.

Sug. Retail \$299.00

**\$199.00**

**35059 Legend 1080**



**TENEX  
Computer  
Express**  
TM

P.O. BOX 6578  
SOUTH BEND, IN 46660  
219/259-7051

BULK RATE  
U.S. POSTAGE  
PAID  
SOUTH BEND, IN  
PERMIT NO. 635